

Table H. - Engineering Index Properties

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
ALF: Alley	0-7	Cobbly Fine Sandy Loam	SM	A-4	0	25-30	85-95	80-90	55-65	35-50	25-30	NP-5
	7-18	Gravelly Clay Loam	GC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-35	15-20
		Gravelly Sandy Clay Loam	SC									
	18-34	Gravelly Fine Sandy Loam	GM	A-2	0-10	0-40	60-85	50-80	35-75	25-40	25-30	NP-5
		Cobbly Fine Sandy Loam	SM	A-4								
AN: Alley		Gravelly Sandy Loam										
	34-50	Very Cobbly Fine Sandy Loam	SM	A-2	0-15	15-45	70-75	60-70	45-55	25-35	25-30	NP-5
	0-7	Cobbly Fine Sandy Loam	SM	A-4	0	25-30	85-95	80-90	55-65	35-50	25-30	NP-5
	7-18	Gravelly Clay Loam	GC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-35	15-20
		Gravelly Sandy Clay Loam	SC									
Brock		Gravelly Loam										
	18-34	Gravelly Fine Sandy Loam	GM	A-2	0-10	0-40	60-85	50-80	35-75	25-40	25-30	NP-5
		Cobbly Fine Sandy Loam	SM	A-4								
		Gravelly Sandy Loam										
	34-50	Very Cobbly Fine Sandy Loam	SM	A-2	0-15	15-45	70-75	60-70	45-55	25-35	25-30	NP-5
	0-5	Extremely Stony Loam	GM	A-4	25-40	5-10	65-75	55-65	45-55	35-50	20-25	NP-5
	5-14	Very Cobbly Loam	GC	A-1	0	20-45	35-45	30-40	25-35	15-25	25-30	5-10
		Very Gravelly Sandy Clay Loam	GC-GM	A-2								
		Very Gravelly Clay Loam										
	14-18	Indurated	---	---	---	---	---	---	---	---	---	---
AR:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
AR: Alley	0-5	Extremely Stony Fine Sandy Loam	SM	A-4	5-15	0-20	80-90	75-85	50-60	35-45	25-30	NP-5
	5-15	Gravelly Sandy Clay Loam Gravelly Loam Gravelly Clay Loam	GC SC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-35	15-20
	15-27	Gravelly Fine Sandy Loam Cobbly Fine Sandy Loam Gravelly Sandy Loam	GM SM	A-2 A-4	0-10	0-40	60-85	50-80	35-75	25-40	25-30	NP-5
	27-50	Very Cobbly Fine Sandy Loam	SM	A-2	0-15	15-45	70-75	60-70	45-55	25-35	25-30	NP-5
Rock Outcrop	---				---	---	---	---	---	---	---	---
Rubble Land	---				---	---	---	---	---	---	---	---
Au: Alluvial Land	0-6	Variable	GP	A-1	---	---	---	---	---	---	---	---
	6-60	Stratified Extremely Gravelly Coarse Sand To Silty Clay	GM GP-GC SC-SM SM SP-SM	A-1 A-2	0-10	0-30	20-70	10-60	5-30	5-15	15-30	NP-10
BaA: Beowawe	0-9	Silt Loam	ML	A-4	0	0	100	95-100	85-95	65-85	20-30	NP-5
	9-16	Silt Loam Loam	CL CL-ML	A-4	0	0	100	95-100	85-95	70-85	25-35	5-10
	16-50	Coarse Sandy Loam Loam	ML SM	A-2 A-4	0	0	100	85-95	55-80	30-60	15-25	NP-5
BB:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BB: Beowawe	In											
	0-9	Silt Loam	ML	A-4	0	0	100	95-100	85-95	65-85	20-30	NP-5
	9-16	Loam	CL	A-4	0	0	100	95-100	85-95	70-85	25-35	5-10
		Silt Loam	CL-ML									
	16-50	Coarse Sandy Loam	ML	A-2	0	0	100	85-95	55-80	30-60	15-25	NP-5
		Loam	SM	A-4								
	0-13	Silt Loam	ML	A-4	0	0	100	95-100	85-95	60-75	---	NP
	13-60	Stratified Loam To Gravelly Loamy Sand	SM	A-2	0	0	70-100	60-95	30-40	25-35	---	NP
BC: Beowawe Variant	0-1	Silty Clay Loam	CL	A-7	0	0	100	100	95-100	95-100	40-45	20-25
	1-15	Clay	CH	A-7	0	0	100	100	95-100	95-100	45-60	25-40
		Silty Clay Loam	CL									
	15-60	Silty Clay Stratified Silt Loam To Silty Clay	CL	A-6 A-7	0	0	100	100	95-100	95-100	35-45	15-25
BD: Berning	0-8	Gravelly Loam	GC	A-4	0	0	65-80	50-75	45-65	35-50	25-35	5-15
			GC-GM	A-6								
			SC									
			SC-SM									
	8-24	Very Gravelly Clay	GC	A-2	0	10-30	30-45	25-40	25-35	15-30	40-50	15-25
		Very Gravelly Clay Loam										
		Very Gravelly Sandy Clay										
	24-60	Very Gravelly Sandy Loam	GC	A-2	0	20-40	30-50	20-40	15-30	10-20	25-30	5-10
		Extremely Gravelly Sandy Clay Loam	GC-GM									
		Very Gravelly Sandy Clay Loam										

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BD: Short Creek	0-8	Gravelly Clay Loam	GC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	8-23	Very Gravelly Clay	SC GC	A-2 A-7	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
	23-60	Extremely Gravelly Sandy Clay	GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
		Extremely Gravelly Clay Loam	GP-GC									
BE: Berning	0-8	Gravelly Loam	GC	A-4	0	0	65-80	50-75	45-65	35-50	25-35	5-15
	8-24	Very Gravelly Clay	GC-GM	A-6								
		Very Gravelly Sandy Clay	SC									
		Very Gravelly Clay Loam	SC-SM									
Toeja	24-60	Very Gravelly Sandy Loam	GC	A-2	0	10-30	30-45	25-40	25-35	15-30	40-50	15-25
		Extremely Gravelly Sandy Clay Loam	GC	A-2	0	20-40	30-50	20-40	15-30	10-20	25-30	5-10
		Very Gravelly Sandy Clay Loam	GC-GM									
Toeja	0-13	Loam	CL	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
	13-31	Loam	CL-ML									
		Sandy Clay Loam	CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
		Clay Loam										
Toeja	31-48	Gravelly Loam	GC-GM	A-2	0	0	60-90	55-85	40-60	25-50	25-30	5-10
		Loam	SC	A-4								
		Gravelly Sandy Loam	SC-SM									
	48-52	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
BE:	In											
Bf: Bicondoa	0-11	Silty Clay Loam	CH	A-7	0	0	100	100	90-100	85-95	50-60	20-30
	11-60	Stratified Clay Loam To	MH CH CL	A-7	0	0	100	100	90-100	75-95	45-55	25-35
Welch	---				---	---	---	---	---	---	---	---
Bg: Bicondoa	0-11	Silty Clay	CH	A-7	0	0	100	100	95-100	90-100	55-60	25-30
	11-40	Stratified Clay Loam To Silty Clay	MH CH CL	A-7	0	0	100	100	90-100	75-95	40-55	20-30
	40-60	Gravelly Clay Loam Gravelly Loam	GC SC	A-6	0	0	65-75	55-70	50-60	35-50	30-35	10-15
Welch	---				---	---	---	---	---	---	---	---
BHD: Bobs	0-6	Cobbly Loam	GM	A-4	0	15-30	70-80	65-75	55-70	40-55	20-25	NP-5
	6-18	Gravelly Loam Gravelly Very Fine Sandy Loam	ML SM GM SM	A-4	0	0-15	60-80	50-75	45-70	35-50	20-25	NP-5
	18-22	Gravelly Silt Loam Indurated		---	---	---	---	---	---	---	---	---
Bk:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Bk: Bosco	0-15	Very Gravelly Loam	GM	A-1	0	0	30-45	25-35	20-30	15-25	0-14	NP
	15-46	Stratified Very Gravelly Loam To Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0	20-45	15-35	10-30	5-20	0-14	NP
	46-70	Extremely Gravelly Sand	GP	A-1	0	0	15-25	10-20	5-15	0-5	0-14	NP
Welch	---				---	---	---	---	---	---	---	---
BL: Bosco	0-15	Very Gravelly Loam	GM	A-1	0	0	30-45	25-35	20-30	15-25	0-14	NP
	15-46	Stratified Very Gravelly Loam To Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0	20-45	15-35	10-30	5-20	0-14	NP
	46-70	Extremely Gravelly Sand	GP	A-1	0	0	15-25	10-20	5-15	0-5	0-14	NP
Welch	0-7	Silt Loam	ML	A-4	0	0	85-95	75-90	70-80	50-60	25-30	NP-5
	7-60	Stratified Very Fine Sandy Loam To Gravelly Clay	CL	A-6	0	0	85-95	75-90	70-80	50-60	30-40	10-20
Welch	---				---	---	---	---	---	---	---	---
BM: Boulflat	0-4	Gravelly Loam	GM	A-4	0	0	60-75	50-75	45-65	35-50	20-25	NP-5
	4-13	Gravelly Loam Gravelly Clay Loam Gravelly Sandy Clay Loam	GC	A-2 A-6	0	0	60-75	50-75	45-65	25-50	30-35	10-15
	13-23	Very Gravelly Loam Very Gravelly Sandy Loam	GM	A-1	0	0	40-50	25-45	15-35	15-25	15-25	NP-5
	23-34	Cemented	---	---	---	---	---	---	---	---	---	---
	34-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BM: Havingdon	0-6	Gravelly Silt Loam	GC	A-4	0	0-10	60-70	50-65	50-60	35-50	25-35	5-10
	6-21	Very Gravelly Clay Very Gravelly Sandy Clay	GC-GM GM	A-2	0	0	30-40	15-35	15-30	10-25	40-50	15-25
	21-25	Extremely Gravelly Clay Unweathered Bedrock	GC		---	---	---	---	---	---	---	---
Brock	0-5	Cobbly Loam	GM	A-4	0	15-25	65-85	60-75	45-65	35-50	20-25	NP-5
	5-14	Very Cobbly Loam Very Gravelly Sandy Clay Loam	GC GC-GM	A-1 A-2	0	20-45	35-45	30-40	25-35	15-25	25-30	5-10
	14-18	Very Gravelly Clay Loam Indurated			---	---	---	---	---	---	---	---
BN: Old Camp Variant	0-9	Cobbly Sandy Loam	SM	A-1	0	25-30	75-85	70-75	40-50	20-30	25-30	NP-5
	9-13	Extremely Gravelly Clay Loam	GC	A-2	0	0-10	30-40	20-30	20-25	10-20	30-35	15-20
	13-17	Extremely Gravelly Sandy Clay Loam Unweathered Bedrock			---	---	---	---	---	---	---	---
Boulflat	0-4	Gravelly Loam	GM	A-4	0	0	60-75	50-75	45-65	35-50	20-25	NP-5
	4-13	Gravelly Loam Gravelly Clay Loam	GC	A-2 A-6	0	0	60-75	50-75	45-65	25-50	30-35	10-15
	13-23	Gravelly Sandy Clay Loam Very Gravelly Sandy Loam Very Gravelly Loam	GM	A-1	0	0	40-50	25-45	15-35	15-25	15-25	NP-5
	23-34	Cemented	---	---	---	---	---	---	---	---	---	---
	34-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
BN:	In											
Humdun	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	70-90	30-40	NP-10
	8-30	Silt Loam Very Fine Sandy Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
	30-60	Loam Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
Inclusion	---				---	---	---	---	---	---	---	---
BO:												
Brock	0-5	Cobbly Loam	GM SM	A-4	0	15-25	65-85	60-75	45-65	35-50	20-25	NP-5
	5-14	Very Cobbly Loam Very Gravelly Sandy Clay Loam	GC GC-GM	A-1 A-2	0	20-45	35-45	30-40	25-35	15-25	25-30	5-10
	14-18	Very Gravelly Clay Loam Indurated	---	---	---	---	---	---	---	---	---	---
Boulflat	0-4	Gravelly Loam	GM	A-4	0	0	60-75	50-75	45-65	35-50	20-25	NP-5
	4-13	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	GC	A-2 A-6	0	0	60-75	50-75	45-65	25-50	30-35	10-15
	13-23	Very Gravelly Sandy Loam Very Gravelly Loam	GM	A-1	0	0	40-50	25-45	15-35	15-25	15-25	NP-5
	23-34	Cemented	---	---	---	---	---	---	---	---	---	---
	34-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BO: Rad	In											
	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	6-18	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-85	30-35	NP-5
	18-45	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	45-60	Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	95-100	80-90	65-75	25-30	NP-5
BpA: Broyles	0-13	Silt Loam	ML	A-4	0	0	100	95-100	85-95	60-75	---	NP
	13-60	Stratified Loam To Gravelly Loamy Sand	SM	A-2	0	0	70-100	60-95	30-40	25-35	---	NP
BPB: Broyles	0-13	Silt Loam	ML	A-4	0	0	100	95-100	85-95	60-75	---	NP
	13-60	Stratified Loam To Gravelly Loamy Sand	SM	A-2	0	0	70-100	60-95	30-40	25-35	---	NP
BQE: Bucan	0-7	Loam	CL	A-6	0	0	90-95	85-95	75-85	55-65	30-35	10-15
	7-25	Clay	CH	A-7	0	0-5	90-95	85-95	75-85	65-75	50-65	35-45
	25-50	Cobbly Clay Gravelly Clay	CL	A-7	0	0-15	70-95	60-90	55-70	50-60	40-50	25-35
		Gravelly Clay Loam										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
BRF: Bucan	0-7	Extremely Stony Loam	CL	A-6	25-30	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Cobbly Clay Gravelly Clay Loam	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
		Gravelly Clay										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
BRF:	In											
BS:												
Bucan	0-7	Loam	CL	A-6	0	0	90-95	85-95	75-85	55-65	30-35	10-15
	7-25	Clay	CH	A-7	0	0-5	90-95	85-95	75-85	65-75	50-65	35-45
	25-50	Gravelly Clay Loam	CL	A-7	0	0-15	70-95	60-90	55-70	50-60	40-50	25-35
		Gravelly Clay										
		Cobbly Clay										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bucan	0-4	Gravelly Loam	GC	A-6	0	0	65-80	60-75	55-65	35-50	30-35	10-15
		SC										
	4-25	Clay	CH	A-7	0	0-5	90-95	85-95	75-85	65-75	50-65	35-45
	25-40	Gravelly Clay	CL	A-7	0	0-15	70-95	60-90	55-70	50-60	40-50	25-35
		Gravelly Clay Loam										
		Cobbly Clay										
	40-44	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
BT:												
Bucan	0-7	Stony Loam	CL	A-6	1-5	5-20	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Gravelly Clay Loam	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
		Gravelly Clay										
		Cobbly Clay										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BT: Bucan	0-7	Extremely Stony Loam	CL	A-6	25-30	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Gravelly Clay Loam	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
		Gravelly Clay										
		Cobbly Clay										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
BU: Bucan	0-4	Gravelly Loam	GC SC	A-6	0	0	65-80	60-75	55-65	35-50	30-35	10-15
	4-25	Clay	CH	A-7	0	0-5	90-95	85-95	75-85	65-75	50-65	35-45
	25-40	Cobbly Clay	CL	A-7	0	0-15	70-95	60-90	55-70	50-60	40-50	25-35
		Gravelly Clay										
		Gravelly Clay Loam										
	40-44	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Clurde	0-5	Silt Loam	ML	A-4	0	0	80-100	75-100	70-85	55-65	20-25	NP-5
	5-29	Clay Loam	CL	A-4	0	0	80-100	75-100	70-85	55-65	25-35	5-15
		Silt Loam	CL-ML	A-6								
		Loam										
	29-50	Stratified Gravelly Sandy Loam To Clay Loam	SC SC-SM	A-2 A-4	0	0	70-95	55-90	45-60	25-45	25-30	5-10
Orovada	0-5	Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	90-100	75-95	30-50	---	NP
	5-18	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
		Loam	SM									
	18-61	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
BV:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BV: Bucan	In											
	0-7	Stony Loam	CL	A-6	5-10	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Cobbly Clay Gravelly Clay Loam Gravelly Clay	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Brock	0-5	Cobbly Loam	GM SM	A-4	0	15-25	65-85	60-75	45-65	35-50	20-25	NP-5
	5-14	Very Gravelly Sandy Clay Loam Very Gravelly Clay Loam Very Cobbly Loam	GC GC-GM	A-1 A-2	0	20-45	35-45	30-40	25-35	15-25	25-30	5-10
	14-18	Indurated	---	---	---	---	---	---	---	---	---	---
Creva	0-5	Gravelly Loam	SM	A-4	0	10-30	75-85	65-75	60-70	40-50	20-30	NP-5
	5-19	Very Gravelly Clay Loam Very Cobbly Clay Loam	GC	A-6	0	5-30	50-65	45-60	40-50	35-45	30-40	15-25
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
BW: Bucan	0-7	Extremely Stony Loam	CL	A-6	25-30	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Gravelly Clay Loam Cobbly Clay Gravelly Clay	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BW: Glean	In											
	0-8	Extremely Stony Loam	GM SM	A-2	15-25	20-25	55-75	50-70	40-60	25-35	20-30	NP-5
	8-15	Very Gravelly Loam	GM	A-1	0	0-25	30-65	25-60	20-50	15-30	20-30	NP-5
		Very Gravelly Sandy Loam		A-2								
	15-51	Very Cobbly Sandy Loam	GM	A-1	0	20-45	45-70	40-65	30-55	15-35	20-30	NP-5
		Very Cobbly Loam	SM	A-2								
		Very Gravelly Sandy Loam										
	51-55	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
BX: Bucan	0-7	Stony Loam	CL	A-6	5-10	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Gravelly Clay	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
		Gravelly Clay Loam										
		Cobbly Clay										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bucan	0-7	Extremely Stony Loam	CL	A-6	25-30	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Cobbly Clay	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
		Gravelly Clay Loam										
		Gravelly Clay										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BX: Humdun	In											
	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	70-90	30-40	NP-10
	8-30	Silt Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
	30-60	Loam Very Fine Sandy Loam Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
BY: Bucan	0-7	Stony Loam	CL	A-6	5-10	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Cobbly Clay Gravelly Clay Loam Gravelly Clay	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Brock	0-5	Cobbly Loam	GM	A-4	0	15-25	65-85	60-75	45-65	35-50	20-25	NP-5
	5-14	Very Cobbly Loam Very Gravelly Sandy Clay Loam	SM GC	A-1	0	20-45	35-45	30-40	25-35	15-25	25-30	5-10
		Very Gravelly Clay Loam	GC-GM	A-2								
	14-18	Indurated	---	---	---	---	---	---	---	---	---	---
Humdun	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	70-90	30-40	NP-10
	8-30	Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
		Silt Loam										
	30-60	Very Fine Sandy Loam Very Fine Sandy Loam Loam Silt Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
BZ:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BZ:	In											
Bucan	0-7	Stony Loam	CL	A-6	5-10	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Gravelly Clay Loam	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
		Gravelly Clay										
		Cobbly Clay										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Humdun	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	70-90	30-40	NP-10
	8-30	Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
		Very Fine Sandy Loam										
		Silt Loam										
	30-60	Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
		Very Fine Sandy Loam										
		Silt Loam										
Rock Outcrop	---				---	---	---	---	---	---	---	---
BZm:												
Bucan	0-7	Loam	CL	A-6	0	0	90-95	85-95	75-85	55-65	30-35	10-15
	7-25	Clay	CH	A-7	0	0-5	90-95	85-95	75-85	65-75	50-65	35-45
	25-50	Cobbly Clay	CL	A-7	0	0-15	70-95	60-90	55-70	50-60	40-50	25-35
		Gravelly Clay										
		Gravelly Clay Loam										
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BZm: Malpais	0-3	Very Flaggy Loam	GM	A-2	0-10	40-50	45-55	35-50	35-45	25-35	20-30	NP-5
	3-30	Extremely Gravelly Loam	GM	A-1	5-40	15-50	25-40	20-35	20-30	10-20	20-30	NP-5
		Very Cobbly Fine Sandy Loam										
	30-60	Very Stony Sandy Loam	GM	A-1	5-40	15-50	45-55	35-50	25-45	20-30	20-30	NP-5
		Extremely Stony Loam		A-2								
		Very Cobbly Fine Sandy Loam										
		Extremely Cobbly Sandy Loam										
BZs: Bucan	0-4	Gravelly Loam	GC	A-6	0	0	65-80	60-75	55-65	35-50	30-35	10-15
	4-25	Clay	SC	A-7	0	0-5	90-95	85-95	75-85	65-75	50-65	35-45
	25-40	Gravelly Clay Loam	CH	A-7	0	0-15	70-95	60-90	55-70	50-60	40-50	25-35
		Cobbly Clay	CL									
		Gravelly Clay										
	40-44	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Singletree	0-17	Loam	ML	A-4	0	0	85-90	80-90	70-85	50-65	25-35	NP-5
	17-32	Loam	CL	A-6	0	0-15	70-85	60-80	50-70	40-60	30-40	10-15
		Gravelly Clay Loam	GC									
		Clay Loam	SC									
	32-49	Sandy Loam	SC	A-2	0	0-15	60-85	55-80	30-60	20-30	25-30	5-10
		Sandy Clay Loam	SC-SM									
		Gravelly Sandy Loam										
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
BZt:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BZt: Bucan	In											
	0-7	Stony Loam	CL	A-6	5-10	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Cobbly Clay Gravelly Clay Loam Gravelly Clay	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bucan	0-7	Extremely Stony Loam	CL	A-6	25-30	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Cobbly Clay Gravelly Clay Loam Gravelly Clay	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Toeja	0-13	Loam	CL CL-ML	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
	13-31	Clay Loam Loam Sandy Clay Loam	CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
	31-48	Gravelly Loam Gravelly Sandy Loam Loam	GC-GM SC SC-SM	A-2 A-4	0	0	60-90	55-85	40-60	25-50	25-30	5-10
	48-52	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
BZu: Bunky	0-9	Loam	CL CL-ML	A-4	0	0	85-95	75-90	65-80	50-60	25-30	5-10
	9-22	Loam Gravelly Loam	CL-ML SC SC-SM	A-4	0	0	70-100	60-100	55-80	35-60	25-30	5-10
	22-42	Cemented	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
BZu: Clurde	0-5	Silt Loam	ML	A-4	0	0	80-100	75-100	70-85	55-65	20-25	NP-5
	5-29	Loam	CL	A-4	0	0	80-100	75-100	70-85	55-65	25-35	5-15
		Silt Loam	CL-ML	A-6								
		Clay Loam										
	29-50	Stratified Gravelly Sandy Loam To Clay Loam	SC SC-SM	A-2 A-4	0	0	70-95	55-90	45-60	25-45	25-30	5-10
Short Creek	0-8	Gravelly Clay Loam	GC SC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	8-23	Very Gravelly Clay	GC	A-2	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
				A-7								
	23-60	Extremely Gravelly Sandy Clay Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC GP-GC GW-GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
CAD: Carstump	0-4	Very Gravelly Loam	SC SC-SM	A-2	0	0	65-75	35-50	35-45	25-35	25-35	5-10
			SM									
	4-15	Gravelly Loam	SC SC-SM	A-4	0	0	75-90	50-75	40-50	35-45	25-35	5-10
			SM									
	15-29	Very Cobbly Clay Very Gravelly Clay	SC SM	A-2 A-7	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
CBE:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
CBE: Chen	0-6	Extremely Stony Loam	SC SC-SM SM	A-4	25-40	5-10	80-90	60-80	55-70	40-50	25-35	5-10
	6-14	Very Cobbly Clay Very Gravelly Clay	GC SC	A-2 A-7	0-5	15-45	40-75	30-50	30-50	25-45	40-55	15-30
	14-18	Extremely Gravelly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
CC: Chen	0-8	Cobbly Loam	SC SC-SM SM	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	8-17	Very Cobbly Clay Extremely Gravelly Clay	GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
	17-21	Very Gravelly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pie Creek	0-5	Very Cobbly Loam	ML	A-4	0	40-50	85-95	60-90	55-80	50-60	25-30	NP-5
	5-21	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	21-30	Clay Loam	CL	A-7	0	0	95-100	90-100	80-90	70-80	45-50	20-25
	30-34	Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ramires	0-9	Very Stony Loam	CL	A-6	10-20	0-30	80-85	70-80	65-75	50-60	30-40	10-20
	9-26	Gravelly Clay Loam Gravelly Clay	CH CL	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
	26-34	Clay Sandy Clay Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	34-38	Sandy Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
CC:	In											
CD:												
Chen	0-8	Cobbly Loam	SC SC-SM SM	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	8-17	Extremely Gravelly Clay Very Cobbly Clay Very Gravelly Clay	GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pie Creek	0-5	Very Cobbly Loam	ML	A-4	0	40-50	85-95	60-90	55-80	50-60	25-30	NP-5
	5-21	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	21-30	Clay Loam Clay	CL	A-7	0	0	95-100	90-100	80-90	70-80	45-50	20-25
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Taylor Creek	0-15	Loam	CL CL-ML	A-4 A-6	0	0	90-100	85-95	75-85	55-70	25-35	5-15
	15-40	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	55-65	60-70	35-45
	40-60	Gravelly Sandy Clay Gravelly Clay	CH GC SC	A-7	0	0-10	70-80	65-75	60-70	40-55	50-60	25-35
Inclusion	---				---	---	---	---	---	---	---	---
CEE:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
CEE: Chen	0-8	Cobbly Loam	SC SC-SM SM GC	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	8-17	Very Cobbly Clay Extremely Gravelly Clay Very Gravelly Clay	GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Mosquet	0-6	Very Gravelly Sandy Loam	GC GC-GM	A-2	0	15-25	50-60	40-50	25-35	15-20	15-25	5-10
	6-20	Gravelly Clay Loam Cobbly Sandy Clay Gravelly Clay	GC SC	A-7	0	5-20	65-75	60-70	55-65	35-50	40-50	25-35
	20-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Taylor Creek	0-15	Loam	CL CL-ML	A-4 A-6	0	0	90-100	85-95	75-85	55-70	25-35	5-15
	15-40	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	55-65	60-70	35-45
	40-60	Gravelly Clay Gravelly Sandy Clay	CH GC SC	A-7	0	0-10	70-80	65-75	60-70	40-55	50-60	25-35
Inclusion	---				---	---	---	---	---	---	---	---
CEF: Chen	0-8	Cobbly Loam	SC SC-SM SM GC	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	8-17	Very Gravelly Clay Very Cobbly Clay Extremely Gravelly Clay	GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
CEF:	In											
Mosquet	0-6	Very Gravelly Sandy Loam	GC	A-2	0	15-25	50-60	40-50	25-35	15-20	15-25	5-10
	6-20	Gravelly Clay Loam	GC-GM	A-7	0	5-20	65-75	60-70	55-65	35-50	40-50	25-35
		Cobbly Sandy Clay	GC									
		Gravelly Clay	SC									
	20-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Taylor Creek	0-15	Loam	CL	A-4	0	0	90-100	85-95	75-85	55-70	25-35	5-15
			CL-ML	A-6								
	15-40	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	55-65	60-70	35-45
	40-60	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	40-55	50-60	25-35
		Gravelly Sandy Clay	GC									
			SC									
Inclusion	---				---	---	---	---	---	---	---	---
CF:												
Cherry Spring	0-15	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	20-25	NP-5
	15-36	Loam	CL	A-4	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
		Silt Loam	CL-ML	A-6								
		Clay Loam										
	36-54	Cemented	---	---	---	---	---	---	---	---	---	---
	54-60	Stratified Sandy Loam To Extremely Gravelly Sandy Loam	GM	A-1	0	0-5	40-55	35-50	30-40	15-25	---	NP

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
CF: Berning	0-8	Gravelly Loam	GC GC-GM SC SC-SM	A-4 A-6	0	0	65-80	50-75	45-65	35-50	25-35	5-15
	8-24	Very Gravelly Clay Loam Very Gravelly Sandy Clay Very Gravelly Clay	GC	A-2	0	10-30	30-45	25-40	25-35	15-30	40-50	15-25
	24-60	Extremely Gravelly Sandy Clay Loam Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	GC GC-GM	A-2	0	20-40	30-50	20-40	15-30	10-20	25-30	5-10
CG: Cherry Spring	0-15	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	20-25	NP-5
	15-36	Loam Silt Loam Clay Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
	36-54	Cemented	---	---	---	---	---	---	---	---	---	---
	54-60	Stratified Sandy Loam To Extremely Gravelly Sandy Loam	GM	A-1	0	0-5	40-55	35-50	30-40	15-25	---	NP
Chiara	0-4	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	4-13	Very Fine Sandy Loam Loam Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	13-17	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
CG: Cortez	0-10	Silt Loam	ML	A-4	0	0	95-100	85-95	80-90	70-80	30-35	NP-5
	10-22	Silty Clay Gravelly Clay	CH	A-7	0	0	80-95	60-85	55-80	55-75	50-60	35-45
	22-48	Indurated	---	---	---	---	---	---	---	---	---	---
	48-60	Very Gravelly Coarse Sandy Loam Very Cobbly Loamy Coarse Sand	GM GP-GM SM SP-SM SW-SM	A-1	0-10	15-50	40-70	30-60	15-30	5-15	---	NP
CH: Cherry Spring	0-15	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	20-25	NP-5
	15-36	Clay Loam Silt Loam Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
	36-54	Cemented	---	---	---	---	---	---	---	---	---	---
	54-60	Stratified Sandy Loam To Extremely Gravelly Sandy Loam	GM	A-1	0	0-5	40-55	35-50	30-40	15-25	---	NP
Cortez	0-10	Silt Loam	ML	A-4	0	0	95-100	85-95	80-90	70-80	30-35	NP-5
	10-22	Clay Gravelly Clay Silty Clay	CH	A-7	0	0	80-95	60-85	55-80	55-75	50-60	35-45
	22-48	Indurated	---	---	---	---	---	---	---	---	---	---
	48-60	Very Gravelly Coarse Sandy Loam Very Cobbly Loamy Coarse Sand	GM GP-GM SM SP-SM SW-SM	A-1	0-10	15-50	40-70	30-60	15-30	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
CH: Tomera	In											
	0-9	Silt Loam	ML	A-4	0	0	90-100	80-95	75-90	70-80	30-40	NP-5
	9-39	Gravelly Sandy Clay Gravelly Clay Clay	CH SC	A-7	0	0	70-85	55-80	45-75	35-60	50-65	25-35
	39-60	Extremely Gravelly Sandy Loam Very Gravelly Loamy Sand Very Cobbly Loam	GM	A-1	0	1-40	40-50	30-45	20-40	10-25	0-14	NP
CK: Cherry Spring	0-15	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	20-25	NP-5
	15-36	Loam Silt Loam Clay Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
	36-54	Cemented	---	---	---	---	---	---	---	---	---	---
	54-60	Stratified Sandy Loam To Extremely Gravelly Sandy Loam	GM	A-1	0	0-5	40-55	35-50	30-40	15-25	---	NP
Orovada	0-5	Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	90-100	75-95	30-50	---	NP
	5-18	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
	18-61	Stratified Fine Sandy Loam To Silt Loam	SM ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
CL: Chiara	0-4	Very Stony Silt Loam	ML	A-4	15-25	5-10	90-100	85-95	75-90	55-70	25-35	NP-5
	4-14	Loam Silt Loam Very Fine Sandy Loam	ML	A-4	0	0-5	90-100	85-95	75-90	55-70	25-35	NP-5
	14-18	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
CL: Brock	In											
	0-5	Cobbly Loam	GM	A-4	0	15-25	65-85	60-75	45-65	35-50	20-25	NP-5
	5-14	Very Gravelly Clay Loam Very Cobbly Loam Very Gravelly Sandy Clay Loam	SM GC GC-GM	A-1 A-2	0	20-45	35-45	30-40	25-35	15-25	25-30	5-10
	14-18	Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-4	Extremely Stony Loam	ML	A-4	30-50	5-10	90-100	85-95	75-90	55-70	25-35	NP-5
	4-14	Silt Loam Very Fine Sandy Loam Loam	ML	A-4	0	0-5	90-100	85-95	75-90	55-70	25-35	NP-5
	14-18	Indurated	---	---	---	---	---	---	---	---	---	---
CM: Chiara	0-4	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	4-13	Loam Silt Loam Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	13-17	Indurated	---	---	---	---	---	---	---	---	---	---
Cherry Spring	0-15	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	20-25	NP-5
	15-36	Clay Loam Loam Silt Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
	36-54	Cemented	---	---	---	---	---	---	---	---	---	---
	54-60	Stratified Sandy Loam To Extremely Gravelly Sandy Loam	GM	A-1	0	0-5	40-55	35-50	30-40	15-25	---	NP

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
CM: Cortez	In											
	0-10	Silt Loam	ML	A-4	0	0	95-100	85-95	80-90	70-80	30-35	NP-5
	10-22	Silty Clay Gravelly Clay	CH	A-7	0	0	80-95	60-85	55-80	55-75	50-60	35-45
	22-48	Indurated	---	---	---	---	---	---	---	---	---	---
	48-60	Very Gravelly Coarse Sandy Loam Very Cobbly Loamy Coarse Sand	GM GP-GM SM SP-SM SW-SM	A-1	0-10	15-50	40-70	30-60	15-30	5-15	---	NP
CN: Cluro	0-7	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	30-35	NP-5
	7-13	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	30-35	NP-5
	13-45	Stratified Very Fine Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	80-90	55-70	25-35	5-15
	45-60	Very Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam	GP-GM	A-1	0	0	30-50	15-40	10-25	5-10	---	NP
Co: Cluro	0-5	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	80-90	30-35	NP-5
	5-12	Loam Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	80-90	30-35	NP-5
	12-38	Stratified Very Fine Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	85-95	70-80	25-35	5-15
	38-60	Fine Sandy Loam Very Fine Sandy Loam	ML	A-4	0	0	95-100	95-100	80-90	50-60	0-14	NP
Cp:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Cp: Cluro	0-5	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	80-90	30-35	NP-5
	5-12	Loam	ML	A-4	0	0	95-100	95-100	85-95	80-90	30-35	NP-5
	12-38	Silt Loam Stratified Very Fine Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	85-95	70-80	25-35	5-15
	38-60	Very Fine Sandy Loam Fine Sandy Loam	ML	A-4	0	0	95-100	95-100	80-90	50-60	0-14	NP
Cr: Cluro	0-7	Silt Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	30-35	NP-5
	7-13	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	30-35	NP-5
	13-45	Stratified Very Fine Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	80-90	55-70	25-35	5-15
	45-60	Extremely Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GP-GM	A-1	0	0	30-50	15-40	10-25	5-10	---	NP
CS: Coff	0-5	Very Gravelly Silt Loam	GM	A-1 A-2	0	0	35-45	25-35	20-35	20-30	20-30	NP-5
	5-29	Very Gravelly Loam Very Gravelly Silt Loam	GM	A-1	0	0	30-45	20-35	20-30	15-25	15-25	NP-5
	29-33	Indurated	---	---	---	---	---	---	---	---	---	---
Denay	0-10	Gravelly Loam	GM SM	A-4	0	0-5	65-80	50-70	45-65	35-50	20-25	NP-5
	10-50	Extremely Gravelly Silt Extremely Gravelly Loam	GM	A-1	0	0-5	25-35	15-25	15-25	10-20	20-25	NP-5

Ct:

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Ct: Coit	0-10	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	30-35	5-10
	10-38	Stratified Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	85-95	60-70	25-35	5-15
	38-60	Stratified Fine Sandy Loam To Loamy Sand	SC SC-SM	A-4	0	0	95-100	95-100	60-70	35-50	20-25	5-10
Humboldt	---				---	---	---	---	---	---	---	---
Cu: Coit	0-10	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	30-35	5-10
	10-38	Stratified Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	85-95	60-70	25-35	5-15
	38-60	Stratified Fine Sandy Loam To Loamy Sand	SC SC-SM	A-4	0	0	95-100	95-100	60-70	35-50	20-25	5-10
Griver	0-14	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	25-30	NP-5
	14-37	Stratified Loamy Sand To Silt Loam	SM	A-4	0	0	95-100	95-100	70-85	40-50	---	NP
	37-60	Stratified Loamy Fine Sand To Gravel	GP-GM GW-GM SP-SM	A-1	0	0	45-60	35-55	20-30	5-10	---	NP
CV: Creva	0-5	Gravelly Loam	SM	A-4	0	10-30	75-85	65-75	60-70	40-50	20-30	NP-5
	5-19	Very Cobbly Clay Loam	GC	A-6	0	5-30	50-65	45-60	40-50	35-45	30-40	15-25
	19-23	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
CV: Chen	In											
	0-8	Cobbly Loam	SC SC-SM SM GC	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	8-17	Very Gravelly Clay Very Cobbly Clay	GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
	17-21	Extremely Gravelly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
CW2: Creva	0-5	Gravelly Loam	SM	A-4	0	10-30	75-85	65-75	60-70	40-50	20-30	NP-5
	5-19	Very Cobbly Clay Loam Very Gravelly Clay Loam	GC	A-6	0	5-30	50-65	45-60	40-50	35-45	30-40	15-25
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ramires	0-6	Gravelly Loam	GC	A-6	0	0-15	60-65	50-60	45-55	35-45	30-35	10-15
	6-24	Gravelly Clay Gravelly Clay Loam Clay	CH CL	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
	24-30	Sandy Loam Sandy Clay Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
Cx:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Cx:												
Crooked Creek	0-8	Silt Loam	CL	A-6	0	0	95-100	95-100	90-100	80-90	30-35	10-15
	8-38	Silty Clay Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	38-60	Clay Loam Silty Clay Loam Silt Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25
CY:												
Crooked Creek	0-8	Clay Loam	CL	A-7	0	0	95-100	95-100	90-100	75-85	40-50	15-25
	8-60	Silty Clay Silty Clay Loam	CH CL	A-7	0	0	85-100	80-100	75-95	70-90	45-55	20-30
Crooked Creek	---				---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
DM:												
Donna	0-8	Gravelly Loam	CL	A-6	0	0	65-75	60-75	55-70	50-60	30-40	10-20
	8-22	Clay	CH	A-7	0	0	80-90	75-85	75-80	70-80	60-70	30-40
	22-38	Indurated	---	---	---	---	---	---	---	---	---	---
	38-68	Stratified Extremely Gravelly Sandy Loam To Gravelly Sandy Clay Loam	GC	A-2	0-5	10-35	40-55	30-40	20-30	10-20	30-40	10-20

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
DM: Simon	In											
	0-12	Loam	CL-ML	A-4	0	0	80-100	75-100	65-80	50-65	20-30	NP-10
	12-28	Gravelly Clay Loam	ML									
		Loam	CL	A-6	0	0-15	85-95	80-90	55-85	45-70	30-45	10-20
		Clay Loam	SC	A-7								
DN: Donna	28-41	Gravelly Clay Loam	CH	A-7	0	10-25	70-90	65-85	55-70	40-55	45-55	20-30
		Cobbly Clay Loam	CL									
		Cobbly Clay	GC									
			SC									
	41-60	Extremely Gravelly Sandy Clay Loam	GC	A-2	0-5	10-40	25-45	20-40	15-35	10-30	30-45	10-20
Short Creek		Very Gravelly Clay Loam										
		Extremely Gravelly Clay Loam										
Short Creek	0-8	Gravelly Loam	CL	A-6	0	0	65-75	60-75	55-70	50-60	30-40	10-20
	8-22	Clay	CH	A-7	0	0	80-90	75-85	75-80	70-80	60-70	30-40
	22-38	Indurated	---	---	---	---	---	---	---	---	---	---
	38-68	Stratified Extremely Gravelly Sandy Loam To Gravelly Sandy Clay Loam	GC	A-2	0-5	10-35	40-55	30-40	20-30	10-20	30-40	10-20
Short Creek	0-8	Gravelly Clay Loam	GC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
			SC									
	8-23	Very Gravelly Clay	GC	A-2	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
				A-7								
	23-60	Extremely Gravelly Sandy Clay	GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
Short Creek		Extremely Gravelly Clay Loam	GP-GC									
		Extremely Gravelly Clay Loam	GW-GC									
		Extremely Gravelly Sandy Clay Loam										

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
DN: Stampede	In											
	0-12	Gravelly Loam	CL	A-4	0	0	70-80	65-75	60-70	50-65	30-40	5-15
			ML	A-6								
	12-28	Clay	CH	A-7	0	0-10	90-100	85-95	80-90	70-85	50-60	30-40
	28-33	Indurated	---	---	---	---	---	---	---	---	---	---
	33-60	Extremely Gravelly Loamy Sand	GP	A-1	0	0-15	15-30	10-25	5-20	0-10	0-14	NP
			GP-GM									
Welch	---				---	---	---	---	---	---	---	---
Do: Dunphy												
	0-3	Silt Loam	ML	A-4	0	0	100	95-100	85-95	80-90	30-35	NP-5
	3-11	Fine Sandy Loam	ML	A-4	0	0	100	95-100	70-80	50-65	25-30	NP-5
		Very Fine Sandy Loam										
	11-60	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	75-85	50-70	25-30	NP-5
Dunphy	---				---	---	---	---	---	---	---	---
Dp: Dunphy												
	0-3	Silt Loam	ML	A-4	0	0	100	95-100	85-95	80-90	30-35	NP-5
	3-11	Very Fine Sandy Loam	ML	A-4	0	0	100	95-100	70-80	50-65	25-30	NP-5
		Fine Sandy Loam										
	11-60	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	75-85	50-70	25-30	NP-5
Dunphy	---				---	---	---	---	---	---	---	---
Dr:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Dr: Dunphy	0-7	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	80-90	30-35	NP-5
	7-35	Stratified Sandy Loam To Silty Clay Loam	ML	A-4	0	0	95-100	95-100	80-90	50-60	25-30	NP-5
	35-61	Stratified Gravelly Sand To Silt Loam	SM	A-2 A-4	0	0	85-95	75-90	50-60	30-40	---	NP
	61-65	Gravelly Sand Very Gravelly Sand	GP GW SP SW	A-1	0	0	40-60	30-55	20-30	0-5	---	NP
Ds: Dunphy	0-7	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	80-90	30-35	NP-5
	7-35	Stratified Sandy Loam To Silty Clay Loam	ML	A-4	0	0	95-100	95-100	80-90	50-60	25-30	NP-5
	35-61	Stratified Gravelly Sand To Silt Loam	SM	A-2 A-4	0	0	85-95	75-90	50-60	30-40	---	NP
	61-65	Very Gravelly Sand Gravelly Sand	GP GW SP SW	A-1	0	0	40-60	30-55	20-30	0-5	---	NP
FB: Ferdelford	0-3	Gravelly Clay Loam	GC SC	A-6	0	0-5	65-75	55-70	50-65	40-50	35-40	20-25
	3-14	Clay Loam Sandy Clay Loam Loam	CL SC	A-6	0	0-5	80-90	75-85	65-75	40-60	30-40	15-25
	14-38	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-80	50-75	45-60	30-40	30-35	15-20
	38-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
FB: Ferdelford	In											
	0-3	Gravelly Clay Loam	GC SC	A-6	0	0-5	65-75	55-70	50-65	40-50	35-40	20-25
	3-14	Loam Sandy Clay Loam Clay Loam	CL SC	A-6	0	0-5	80-90	75-85	65-75	40-60	30-40	15-25
	14-38	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-80	50-75	45-60	30-40	30-35	15-20
	38-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bucan	0-4	Gravelly Loam	GC SC	A-6	0	0	65-80	60-75	55-65	35-50	30-35	10-15
	4-25	Clay	CH	A-7	0	0-5	90-95	85-95	75-85	65-75	50-65	35-45
	25-40	Gravelly Clay Loam Cobbly Clay Gravelly Clay	CL	A-7	0	0-15	70-95	60-90	55-70	50-60	40-50	25-35
	40-44	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
FD: Ferdelford	0-3	Gravelly Clay Loam	GC SC	A-6	0	0-5	65-75	55-70	50-65	40-50	35-40	20-25
	3-14	Loam Sandy Clay Loam Clay Loam	CL SC	A-6	0	0-5	80-90	75-85	65-75	40-60	30-40	15-25
	14-38	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-80	50-75	45-60	30-40	30-35	15-20
	38-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Puett	0-13	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	13-17	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
FD: Berning	0-8	Gravelly Loam	GC GC-GM SC SC-SM	A-4 A-6	0	0	65-80	50-75	45-65	35-50	25-35	5-15
	8-24	Very Gravelly Clay Loam Very Gravelly Clay Very Gravelly Sandy Clay	GC	A-2	0	10-30	30-45	25-40	25-35	15-30	40-50	15-25
	24-60	Very Gravelly Sandy Loam Extremely Gravelly Sandy Clay Loam Very Gravelly Sandy Clay Loam	GC GC-GM	A-2	0	20-40	30-50	20-40	15-30	10-20	25-30	5-10
FE: Ferdelford	0-3	Gravelly Clay Loam	GC SC	A-6	0	0-5	65-75	55-70	50-65	40-50	35-40	20-25
	3-14	Loam Clay Loam Sandy Clay Loam	CL SC	A-6	0	0-5	80-90	75-85	65-75	40-60	30-40	15-25
	14-38	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-80	50-75	45-60	30-40	30-35	15-20
	38-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Puett	0-3	Coarse Sandy Loam	SM	A-1 A-2	0	0	90-100	85-95	40-50	20-30	---	NP
	3-13	Sandy Loam Fine Sandy Loam Coarse Sandy Loam	ML SM	A-1 A-2 A-4	0	0	80-100	75-95	40-80	15-55	---	NP
	13-17	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
FE: Susie Creek	In											
	0-12	Loam	CL CL-ML ML	A-4	0	0	90-100	85-95	75-85	60-70	25-35	5-10
	12-25	Clay Sandy Clay Clay Loam	CH CL	A-7	0	0	90-100	75-95	70-90	50-75	45-55	25-35
	25-57	Loam Coarse Sandy Loam Sandy Loam	ML SM	A-4	0	0	85-100	75-95	60-80	45-65	20-25	NP-5
	57-61	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
FF: Ferdelford	0-3	Very Gravelly Clay Loam	GC	A-2	0	0-5	35-55	25-50	25-45	20-35	35-40	20-25
	3-14	Clay Loam Sandy Clay Loam Loam	CL SC	A-6	0	0-5	80-90	75-85	65-75	40-60	30-40	15-25
	14-26	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-80	50-75	45-60	30-40	30-35	15-20
	26-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ramires	0-9	Very Stony Loam	CL	A-6	10-20	0-30	80-85	70-80	65-75	50-60	30-40	10-20
	9-26	Clay Gravelly Clay Gravelly Clay Loam	CH CL	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
	26-34	Sandy Loam Sandy Clay Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	34-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
FH:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
FH: Ferdelford	In											
	0-3	Gravelly Clay Loam	GC SC	A-6	0	0-5	65-75	55-70	50-65	40-50	35-40	20-25
	3-14	Loam Sandy Clay Loam Clay Loam	CL SC	A-6	0	0-5	80-90	75-85	65-75	40-60	30-40	15-25
	14-38	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-80	50-75	45-60	30-40	30-35	15-20
	38-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Susie Creek	0-12	Loam	CL CL-ML ML	A-4	0	0	90-100	85-95	75-85	60-70	25-35	5-10
	12-25	Clay Loam Sandy Clay Clay	CH CL	A-7	0	0	90-100	75-95	70-90	50-75	45-55	25-35
	25-57	Sandy Loam Loam	ML SM	A-4	0	0	85-100	75-95	60-80	45-65	20-25	NP-5
	57-61	Coarse Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Toeja	0-13	Loam	CL CL-ML	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
	13-31	Loam Clay Loam Sandy Clay Loam	CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
	31-48	Gravelly Loam Gravelly Sandy Loam Loam	GC-GM SC SC-SM	A-2 A-4	0	0	60-90	55-85	40-60	25-50	25-30	5-10
	48-52	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fk:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Fk:												
Four Star	0-20	Loam	ML	A-4	0	0	100	90-100	80-90	60-70	25-35	NP-10
	20-60	Fine Sandy Loam	SM	A-2	0	0	100	90-100	50-70	25-40	15-25	NP-5
		Sandy Loam		A-4								
	60-64	Stratified Loamy Sand To Silt Loam	SM	A-2 A-4	0	0	100	90-100	50-80	30-50	25-35	NP-5
Hussa	---				---	---	---	---	---	---	---	---
Fm:												
Four Star	0-15	Loam	ML	A-4	0	0	100	90-100	80-90	60-70	25-35	NP-10
	15-60	Stratified Sandy Loam To Silt Loam	ML SM	A-2 A-4	0	0	100	90-100	60-80	30-60	20-35	NP-10
Four Star	---				---	---	---	---	---	---	---	---
Fn:												
Four Star	0-20	Loam	ML	A-4	0	0	100	90-100	80-90	60-70	25-35	NP-10
	20-60	Fine Sandy Loam	SM	A-2	0	0	100	90-100	50-70	25-40	15-25	NP-5
		Sandy Loam		A-4								
	60-64	Stratified Loamy Sand To Silt Loam	SM	A-2 A-4	0	0	100	90-100	50-80	30-50	25-35	NP-5
Bosco	0-15	Very Gravelly Loam	GM	A-1	0	0	30-45	25-35	20-30	15-25	0-14	NP
	15-46	Stratified Very Gravelly Loam To Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0	20-45	15-35	10-30	5-20	0-14	NP
	46-70	Extremely Gravelly Sand	GP	A-1	0	0	15-25	10-20	5-15	0-5	0-14	NP
Welch	---				---	---	---	---	---	---	---	---
Fo:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Fo: Four Star	In											
	0-15	Loam	ML	A-4	0	0	100	90-100	80-90	60-70	25-35	NP-10
	15-60	Stratified Sandy Loam To Silt Loam	ML SM	A-2 A-4	0	0	100	90-100	60-80	30-60	20-35	NP-10
Bosco	0-15	Very Gravelly Loam	GM	A-1	0	0	30-45	25-35	20-30	15-25	0-14	NP
	15-46	Stratified Very Gravelly Loam To Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0	20-45	15-35	10-30	5-20	0-14	NP
	46-70	Extremely Gravelly Sand	GP	A-1	0	0	15-25	10-20	5-15	0-5	0-14	NP
Inclusion	---				---	---	---	---	---	---	---	---
Ge: Geysen	0-7	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	75-85	30-35	NP-5
	7-14	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	85-95	70-85	30-40	15-25
	14-60	Loam Very Fine Sandy Loam Fine Sandy Loam	CL CL-ML SC SC-SM	A-4	0	0	85-95	75-90	60-75	45-60	25-30	5-10
Gg: Geysen	0-5	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	75-85	30-35	NP-5
	5-12	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	85-95	70-85	30-40	15-25
	12-60	Loam Very Fine Sandy Loam Fine Sandy Loam	CL CL-ML SC SC-SM	A-4	0	0	85-95	75-90	60-75	45-60	25-30	5-10

GH:

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
GH: Glean	In											
	0-8	Extremely Stony Loam	GM SM	A-2	15-25	20-25	55-75	50-70	40-60	25-35	20-30	NP-5
	8-15	Very Gravelly Loam	GM	A-1	0	0-25	30-65	25-60	20-50	15-30	20-30	NP-5
	15-51	Very Gravelly Sandy Loam		A-2								
		Very Cobbly Loam	GM	A-1	0	20-45	45-70	40-65	30-55	15-35	20-30	NP-5
		Very Cobbly Sandy Loam	SM	A-2								
		Very Gravelly Sandy Loam										
	51-55	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Rubble Land	---				---	---	---	---	---	---	---	---
Gk: Griver	0-14	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	25-30	NP-5
	14-37	Stratified Loamy Sand To Silt Loam	SM	A-4	0	0	95-100	95-100	70-85	40-50	---	NP
	37-60	Stratified Loamy Fine Sand To Gravel	GP-GM GW-GM SP-SM	A-1	0	0	45-60	35-55	20-30	5-10	---	NP
Alluvial Land	---				---	---	---	---	---	---	---	---
Gm: Griver	0-10	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	25-30	NP-5
	10-34	Stratified Silt Loam To	ML	A-4	0	0	95-100	80-95	65-80	40-60	0-14	NP
			SM									
	34-60	Stratified Gravelly Sand To Fine Sandy Loam	GM SM	A-1	0	0	60-80	50-75	30-50	15-25	0-14	NP
Gn:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Gn: Griver	0-7	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-85	30-35	NP-5
	7-42	Stratified Sandy Loam To Silt Loam	ML SM	A-4	0	0	95-100	95-100	70-85	40-60	0-14	NP
	42-60	Clay Silty Clay	CH	A-7	0	0	100	100	90-100	75-95	55-60	35-40
Go: Griver	0-6	Silt Loam	ML	A-4	0	0	95-100	95-100	90-100	80-90	30-35	NP-5
	6-60	Stratified Sand To Silty Clay	ML SM	A-4	0	0	95-100	95-100	65-70	40-55	25-30	NP-5
Alluvial Land	---				---	---	---	---	---	---	---	---
GP: Pits	---				---	---	---	---	---	---	---	---
Gr: Griver	0-14	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	25-30	NP-5
	14-37	Stratified Loamy Sand To Silt Loam	SM	A-4	0	0	95-100	95-100	70-85	40-50	---	NP
	37-60	Stratified Loamy Fine Sand To Gravel	GP-GM GW-GM SP-SM	A-1	0	0	45-60	35-55	20-30	5-10	---	NP
Griver	0-6	Silt Loam	ML	A-4	0	0	95-100	95-100	90-100	80-90	30-35	NP-5
	6-60	Stratified Sand To Silty Clay	ML SM	A-4	0	0	95-100	95-100	65-70	40-55	25-30	NP-5
Gx:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
Gx: Graver	0-14	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	25-30	NP-5
	14-37	Stratified Loamy Sand To Silt Loam	SM	A-4	0	0	95-100	95-100	70-85	40-50	---	NP
	37-60	Stratified Loamy Fine Sand To Gravel	GP-GM GW-GM SP-SM	A-1	0	0	45-60	35-55	20-30	5-10	---	NP
Alluvial Land	0-6	Variable	GP	A-1	---	---	---	---	---	---	---	---
	6-60	Stratified Extremely Gravelly Coarse Sand To Silty Clay	GM GP-GC SC-SM SM SP-SM	A-1 A-2	0-10	0-30	20-70	10-60	5-30	5-15	15-30	NP-10
Rose Creek	---				---	---	---	---	---	---	---	---
HG: Hapgood	0-8	Very Gravelly Loam	GC-GM GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	8-36	Very Gravelly Fine Sandy Loam	GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	36-50	Very Gravelly Loam Very Cobbly Loam	GM	A-1	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	50-54	Very Gravelly Sandy Loam Unweathered Bedrock	---	A-2 ---	---	---	---	---	---	---	---	---
Hapgood	0-13	Silt Loam	ML	A-4	0	0	85-95	80-90	75-85	60-70	30-35	NP-5
	13-50	Very Cobbly Loam Very Gravelly Sandy Loam	GC GC-GM	A-2	0	15-40	55-65	50-60	35-45	20-35	25-35	5-15
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
HG: Packer	In											
	0-13	Very Cobbly Loam	GM	A-2 A-4	0-5	20-40	55-65	45-55	40-50	30-40	25-30	NP-5
	13-27	Extremely Cobbly Loam Extremely Cobbly Sandy Clay Loam	GC GP-GC	A-2	5-20	10-50	20-40	15-35	10-30	5-25	30-40	15-25
	27-50	Extremely Cobbly Clay Extremely Cobbly Sandy Loam	GM	A-1	0-15	15-50	35-50	30-50	15-25	10-15	0-14	NP
	50-54	Very Cobbly Loamy Sand Very Cobbly Sandy Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hh: Humboldt	0-18	Silty Clay Loam	CL	A-7	0	0	100	100	100	90-100	40-50	20-25
	18-43	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	90-100	90-100	85-100	80-100	50-60	15-25
	43-60	Stratified Silt Loam To Silty Clay	CL ML	A-6 A-7	0	0	90-100	90-100	85-100	80-100	30-50	10-20
Hk: Humboldt	0-11	Silty Clay	MH	A-7	0	0	100	100	100	90-100	50-60	20-25
	11-43	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	90-100	90-100	85-100	80-100	50-60	15-25
	43-60	Stratified Silt Loam To Silty Clay	CL ML	A-6 A-7	0	0	90-100	90-100	85-100	80-100	30-50	10-20
Hm: Humboldt	0-11	Silty Clay	MH	A-7	0	0	100	100	100	90-100	50-60	20-25
	11-43	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	90-100	90-100	85-100	80-100	50-60	15-25
	43-60	Stratified Silt Loam To Silty Clay	CL ML	A-6 A-7	0	0	90-100	90-100	85-100	80-100	30-50	10-20

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Hn: Humboldt	0-11	Silty Clay	MH	A-7	0	0	100	100	100	90-100	50-60	20-25
	11-43	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	90-100	90-100	85-100	80-100	50-60	15-25
	43-60	Stratified Silt Loam To Silty Clay	CL ML	A-6 A-7	0	0	90-100	90-100	85-100	80-100	30-50	10-20
Humboldt	0-18	Silty Clay	MH	A-7	0	0	100	100	100	90-100	50-60	20-25
	18-43	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	90-100	90-100	85-100	80-100	50-60	15-25
	43-60	Stratified Silt Loam To Silty Clay	CL ML	A-6 A-7	0	0	90-100	90-100	85-100	80-100	30-50	10-20
HO: Humdun	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	70-90	30-40	NP-10
	8-30	Very Fine Sandy Loam Silt Loam Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
	30-60	Very Fine Sandy Loam Silt Loam Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
Bucan	0-7	Stony Loam	CL	A-6	5-10	0-15	75-85	70-80	65-75	50-60	30-35	10-15
	7-25	Clay	CH	A-7	0	0-10	85-95	80-90	75-85	65-75	50-60	35-45
	25-50	Gravelly Clay Loam Cobbly Clay	CL	A-7	0	10-30	75-90	70-85	60-70	50-60	40-50	25-35
	50-54	Gravelly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
HO: Havingdon	In											
	0-6	Gravelly Silt Loam	GC GC-GM GM	A-4	0	0-10	60-70	50-65	50-60	35-50	25-35	5-10
	6-21	Extremely Gravelly Clay Very Gravelly Sandy Clay Very Gravelly Clay	GC	A-2	0	0	30-40	15-35	15-30	10-25	40-50	15-25
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hr: Hussa	0-7	Loam	ML	A-4	0	0	95-100	90-100	85-95	60-75	25-35	NP-10
	7-30	Loam Clay Loam	CL ML	A-6 A-7	0	0	95-100	90-100	85-95	65-75	30-50	10-20
	30-48	Fine Sandy Loam Loam	SM	A-4	0	0	85-95	75-90	60-75	35-50	20-25	NP-5
	48-60	Gravelly Loamy Sand Gravelly Sand	SM SP-SM SW-SM	A-1	0	0	70-80	60-75	35-50	5-15	0-14	NP
Crooked Creek	---				---	---	---	---	---	---	---	---
Hs: Hussa	0-12	Loam	ML	A-4	0	0	95-100	95-100	85-95	60-75	25-35	NP-10
	12-60	Stratified Sandy Clay Loam To Silty Clay Loam	CL ML	A-6 A-7	0	0	95-100	95-100	85-95	50-80	30-50	10-20
Hussa	---				---	---	---	---	---	---	---	---
Ht:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Ht:												
Hussa	0-10	Loam	ML	A-4	0	0	100	100	85-95	60-75	25-35	NP-10
	10-40	Stratified Loam To Clay Loam	CL ML	A-6 A-7	0	0	100	100	85-95	60-80	30-50	10-20
	40-60	Silty Clay Loam Silty Clay Clay	CH CL	A-7	0	0	100	100	95-100	85-95	45-55	25-35
Hussa	---				---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
Ib:												
Iron Blossom	0-3	Silt Loam	ML	A-4	0	0	100	100	90-100	85-95	30-35	5-10
	3-17	Silt Loam	ML	A-4	0	0	100	100	90-100	85-95	30-35	5-10
	17-36	Stratified Loam To Silty	CL	A-6	0	0	100	100	90-100	75-85	30-40	15-25
	36-50	Stratified Loam To Silty Clay Loam	CL	A-6	0	0	100	100	90-100	75-85	30-40	10-20
Is:												
Iron Blossom	0-3	Silt Loam	ML	A-4	0	0	100	100	90-100	85-95	30-35	5-10
	3-17	Silt Loam	ML	A-4	0	0	100	100	90-100	85-95	30-35	5-10
	17-36	Stratified Loam To Silty	CL	A-6	0	0	100	100	90-100	75-85	30-40	15-25
	36-50	Stratified Loam To Silty Clay Loam	CL	A-6	0	0	100	100	90-100	75-85	30-40	10-20
KAD:												
Kawich	0-60	Fine Sand	SM	A-2	0	0	100	100	75-90	20-30	---	NP
	60-64	Fine Sand	SM	A-2	0	0	100	100	75-90	20-30	---	NP
MA:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
MA: Malpais	0-3	Extremely Stony Loam	GM	A-2	25-50	15-40	45-55	35-50	35-45	25-35	20-30	NP-5
	3-30	Extremely Gravelly Loam Very Cobbly Fine Sandy Loam	GM	A-1	5-40	15-50	25-40	20-35	20-30	10-20	20-30	NP-5
	30-60	Very Stony Sandy Loam Extremely Stony Loam Very Cobbly Fine Sandy Loam	GM	A-1 A-2	5-40	15-50	45-55	35-50	25-45	20-30	20-30	NP-5
		Extremely Cobbly Sandy Loam										
Rock Outcrop	---				---	---	---	---	---	---	---	---
Rubble Land	---				---	---	---	---	---	---	---	---
Mc: Marsh	0-60	Variable	GP	A-1	---	---	---	---	---	---	---	---
Crooked Creek	0-8	Silt Loam	CL	A-6	0	0	95-100	95-100	90-100	80-90	30-35	10-15
	8-38	Clay Silty Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	38-60	Silt Loam Silty Clay Loam Clay Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25
ME: Mascamp	0-13	Very Gravelly Loam	GM	A-2	0	0-5	40-50	35-45	30-40	25-35	25-30	NP-5
	13-19	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC GP-GC	A-2	0	0-5	40-50	25-45	15-40	10-35	30-40	15-25
	19-23	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
ME: Carstump	0-4	Very Gravelly Loam	SC SC-SM	A-2	0	0	65-75	35-50	35-45	25-35	25-35	5-10
	4-15	Gravelly Loam	SM SC SC-SM	A-4	0	0	75-90	50-75	40-50	35-45	25-35	5-10
	15-29	Very Gravelly Clay	SC	A-2	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
	29-33	Very Cobbly Clay	SM	A-7								
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
Mf: Mcconnel	0-20	Gravelly Fine Sandy Loam	GM	A-2 A-4	0	0	60-70	50-70	40-60	25-45	15-25	NP-5
	20-60	Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	GP	A-1	0	0-15	25-35	10-35	5-15	0-5	0-14	NP
Inclusion	---				---	---	---	---	---	---	---	---
Mh:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Mh: Blackhawk	0-6	Gravelly Loam	ML SM	A-4	0	0	75-85	70-75	60-70	45-55	30-35	NP-5
	6-15	Gravelly Loam Gravelly Very Fine Sandy Loam	GM SM	A-4	0	0	65-75	55-70	50-65	35-50	30-35	NP-5
	15-19	Cemented	---	---	---	---	---	---	---	---	---	---
	19-42	Very Gravelly Fine Sandy Loam	GM	A-1	0	0	35-45	25-35	20-25	10-15	0-14	NP
	42-60	Very Gravelly Sandy Loam Extremely Gravelly Coarse Sand Extremely Gravelly Sand	GP GW	A-1	0	0	25-35	15-25	10-15	0-5	0-14	NP
Mcconnel	0-20	Gravelly Fine Sandy Loam	GM	A-2 A-4	0	0	60-70	50-70	40-60	25-45	15-25	NP-5
	20-60	Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	GP	A-1	0	0-15	25-35	10-35	5-15	0-5	0-14	NP
Inclusion	---				---	---	---	---	---	---	---	---
Mo: Mcconnel	0-20	Gravelly Fine Sandy Loam	GM	A-2 A-4	0	0	60-70	50-70	40-60	25-45	15-25	NP-5
	20-60	Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	GP	A-1	0	0-15	25-35	10-35	5-15	0-5	0-14	NP

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Mo: Ocala	In											
	0-15	Silt Loam	CL	A-4	0	0	100	100	90-100	70-80	30-40	5-15
			ML	A-6								
	15-45	Silt Loam	CL	A-6	0	0	100	100	95-100	85-95	30-50	10-20
		Silty Clay Loam	ML	A-7								
Mr: Midas	45-60	Stratified Gravelly Very Fine Sandy Loam To Silt Loam	GM	A-4	0	0	55-90	55-85	50-75	35-55	---	NP
			ML									
			SM									
	0-4	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	80-90	30-35	NP-5
	4-21	Silt Loam	ML	A-4	0	0	90-100	85-95	75-85	60-75	30-35	NP-5
Ms: Midas		Very Fine Sandy Loam										
	21-30	Extremely Gravelly Fine Sandy Loam	GM	A-1	0-5	20-40	25-40	15-35	10-20	5-15	0-14	NP
		Extremely Gravelly Sandy Loam	GP-GM GW-GM									
	30-50	Very Gravelly Coarse Sand Extremely Gravelly Coarse Sand	GP GW	A-1	0	0-10	25-40	15-35	10-20	0-5	0-14	NP
	0-4	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	80-90	30-35	NP-5
	4-30	Silt Loam	ML	A-4	0	0	90-100	85-95	75-85	60-75	30-35	NP-5
		Loam										
	30-48	Very Fine Sandy Loam										
		Extremely Gravelly Sandy Loam	GM	A-1	0-5	20-40	25-40	15-35	10-20	5-15	0-14	NP
		Extremely Gravelly Fine Sandy Loam	GP-GM GW-GM									
	48-50	Very Gravelly Coarse Sand Extremely Gravelly Coarse Sand	GP GW	A-1	0	0-10	25-40	15-35	10-20	0-5	0-14	NP

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Ms: Midas	In											
	0-4	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	80-90	30-35	NP-5
	4-21	Very Fine Sandy Loam	ML	A-4	0	0	90-100	85-95	75-85	60-75	30-35	NP-5
		Silt Loam										
	21-30	Extremely Gravelly Sandy Loam	GM GP-GM GW-GM	A-1	0-5	20-40	25-40	15-35	10-20	5-15	0-14	NP
		Extremely Gravelly Fine Sandy Loam										
	30-50	Very Gravelly Coarse Sand	GP	A-1	0	0-10	25-40	15-35	10-20	0-5	0-14	NP
		Extremely Gravelly Coarse Sand	GW									
MW: Miscellaneous Water	---				---	---	---	---	---	---	---	---
Oc: Ocala	0-15	Fine Sandy Loam	SM	A-4	0	0	95-100	95-100	80-90	40-50	15-25	NP-5
	15-45	Silt Loam	CL	A-6	0	0	100	100	95-100	85-95	30-50	10-20
		Silty Clay Loam	ML	A-7								
	45-60	Stratified Gravelly Very Fine Sandy Loam To Silt Loam	GM ML SM	A-4	0	0	55-90	55-85	50-75	35-55	---	NP
Humboldt	---				---	---	---	---	---	---	---	---
Od: Ocala	0-4	Silt Loam	CL ML	A-4 A-6	0	0	100	100	95-100	85-95	30-40	5-15
	4-16	Silt Loam	CL	A-6	0	0	100	100	95-100	85-95	30-50	10-20
		Silty Clay Loam	ML	A-7								
	16-60	Silt Loam	CL	A-6	0	0	90-100	90-100	90-95	85-90	30-50	10-20
		Silty Clay Loam	ML	A-7								

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Og: Ocala	In											
	0-15	Silt Loam	CL	A-4	0	0	100	100	90-100	70-80	30-40	5-15
			ML	A-6								
	15-45	Silty Clay Loam	CL	A-6	0	0	100	100	95-100	85-95	30-50	10-20
		Silt Loam	ML	A-7								
	45-60	Stratified Gravelly Very Fine Sandy Loam To Silt Loam	GM	A-4	0	0	55-90	55-85	50-75	35-55	---	NP
			ML									
			SM									
Oh: Ocala												
	0-4	Silty Clay Loam	CL	A-7	0	0	100	100	95-100	85-95	40-50	15-20
			ML									
	4-16	Silt Loam	CL	A-6	0	0	100	100	95-100	85-95	30-50	10-20
		Silty Clay Loam	ML	A-7								
	16-60	Silt Loam	CL	A-6	0	0	90-100	90-100	90-95	85-90	30-50	10-20
		Silty Clay Loam	ML	A-7								
Ok: Ocala												
	0-15	Silty Clay Loam	CL	A-7	0	0	100	100	90-100	80-90	40-50	15-20
			ML									
	15-45	Silt Loam	CL	A-6	0	0	100	100	95-100	85-95	30-50	10-20
		Silty Clay Loam	ML	A-7								
	45-60	Stratified Gravelly Very Fine Sandy Loam To Silt Loam	GM	A-4	0	0	55-90	55-85	50-75	35-55	---	NP
			ML									
			SM									
Humboldt	---				---	---	---	---	---	---	---	---
Om:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
Om: Ocala	In											
	0-15	Silty Clay Loam	CL ML	A-7	0	0	100	100	90-100	80-90	40-50	15-20
	15-45	Silt Loam Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	30-50	10-20
	45-60	Stratified Gravelly Very Fine Sandy Loam To Silt Loam	GM ML SM	A-4	0	0	55-90	55-85	50-75	35-55	---	NP
Ocala	0-15	Silt Loam	CL ML	A-4 A-6	0	0	100	100	90-100	70-80	30-40	5-15
	15-45	Silt Loam Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	30-50	10-20
	45-60	Stratified Gravelly Very Fine Sandy Loam To Silt Loam	GM ML SM	A-4	0	0	55-90	55-85	50-75	35-55	---	NP
Dunphy	---				---	---	---	---	---	---	---	---
Griver	---				---	---	---	---	---	---	---	---
OP: Ocala	0-4	Silt Loam	CL ML	A-4 A-6	0	0	100	100	90-100	70-80	30-40	5-15
	4-60	Silt Loam Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	30-50	10-20
	60-64	Stratified Gravelly Very Fine Sandy Loam To Silt Loam	GM ML SM	A-4	0	0	55-90	55-85	50-75	35-55	---	NP

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
OP: Ocala	In											
	0-9	Silty Clay Loam	CL	A-7	0	0	100	100	95-100	85-95	40-50	15-20
	9-60	Silt Loam	ML									
		Silty Clay Loam	CL	A-6	0	0	100	100	95-100	85-95	30-50	10-20
Playas	0-6	Silty Clay	MH	A-7	0	0	100	100	100	90-100	50-80	20-40
	6-60	Silty Clay	CH	A-7	0	0	100	100	100	90-100	45-75	20-40
		Silty Clay Loam	CL									
		Clay	MH									
ORC: Orovada	0-5	Fine Sandy Loam	SM	A-2	0	0	95-100	90-100	75-95	30-50	---	NP
	5-18	Fine Sandy Loam Loam		A-4								
			ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
	18-61	Stratified Fine Sandy Loam To Silt Loam	SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
OSB: Orovada	0-5	Gravelly Fine Sandy Loam	GM	A-2	0	0	60-80	55-75	50-70	25-40	0-14	NP
	5-18	Fine Sandy Loam Loam		A-4								
			ML	A-4	0	0	75-100	75-95	60-85	40-70	20-30	NP-5
	18-61	Very Fine Sandy Loam Stratified Fine Sandy Loam To Silt Loam	SM	A-4	0	0	75-100	75-95	60-85	35-55	20-30	NP-5
Welch	---				---	---	---	---	---	---	---	---
OtA:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
OtA: Orovada	0-9	Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	25-35	NP-5
	9-30	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
		Loam	SM									
	30-60	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
OU: Orovada	0-5	Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	90-100	75-95	30-50	---	NP
	5-18	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
		Loam	SM									
	18-61	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
Humdun	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	70-90	30-40	NP-10
	8-30	Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
		Very Fine Sandy Loam										
	30-60	Silt Loam Loam Silt Loam Very Fine Sandy Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
Puett	0-18	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
OV: Orovada	0-5	Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	90-100	75-95	30-50	---	NP
	5-18	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
		Loam	SM									
	18-61	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
OV:												
Puett	0-18	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
OW:												
Orovada	0-5	Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	90-100	75-95	30-50	---	NP
	5-18	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
	18-61	Stratified Fine Sandy Loam To Silt Loam	SM ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
Ferdelford	0-3	Very Gravelly Clay Loam	GC	A-2	0	0-5	35-55	25-50	25-45	20-35	35-40	20-25
	3-14	Sandy Clay Loam	CL	A-6	0	0-5	80-90	75-85	65-75	40-60	30-40	15-25
		Clay Loam	SC									
	14-26	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-80	50-75	45-60	30-40	30-35	15-20
	26-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Puett	0-18	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
PC:												
Pie Creek	0-5	Loam	ML	A-4	0	0-10	95-100	90-100	80-90	60-70	25-30	NP-5
	5-21	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	21-35	Clay	CL	A-7	0	0	95-100	90-100	80-90	70-80	45-50	20-25
		Clay Loam										
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
PC: Susie Creek	In											
	0-12	Loam	CL CL-ML ML	A-4	0	0	90-100	85-95	75-85	60-70	25-35	5-10
	12-25	Sandy Clay Clay Clay Loam	CH CL	A-7	0	0	90-100	75-95	70-90	50-75	45-55	25-35
	25-57	Coarse Sandy Loam Sandy Loam Loam	ML SM	A-4	0	0	85-100	75-95	60-80	45-65	20-25	NP-5
	57-61	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Toeja	0-13	Loam	CL CL-ML	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
	13-31	Clay Loam Sandy Clay Loam Loam	CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
	31-48	Loam Gravelly Sandy Loam Gravelly Loam	GC-GM SC SC-SM	A-2 A-4	0	0	60-90	55-85	40-60	25-50	25-30	5-10
	48-52	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
Pk: Pocker	0-10	Silt Loam	ML	A-4	0	0	100	100	90-95	70-80	30-35	NP-5
	10-46	Stratified Loam To Clay	CH	A-7	0	0	100	95-100	90-100	80-95	50-60	25-35
	46-60	Clay Silty Clay Loam	CH	A-7	0	0	85-90	75-85	70-80	60-70	55-65	30-40

PM:

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
PM: Primeaux	In											
	0-11	Gravelly Loam	GM	A-4	0	0	65-80	55-75	50-65	35-50	20-25	NP-5
	11-20	Clay Loam	SM									
		Loam	CL	A-6	0	0	80-90	75-85	65-75	45-65	35-40	20-25
		Sandy Clay Loam	SC									
	20-35	Very Gravelly Loam	GC	A-2	0	0	40-55	30-50	25-40	20-30	30-35	15-20
		Very Gravelly Sandy Clay Loam										
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Packer	0-9	Very Cobbly Loam	GM	A-2	0-5	20-40	55-65	45-55	40-50	30-40	25-30	NP-5
	9-13	Extremely Cobbly Sandy Clay Loam	GC	A-4								
		Extremely Cobbly Loam	GP-GC	A-2	5-20	10-50	20-40	15-35	10-30	5-25	30-40	15-25
		Extremely Cobbly Clay										
	13-35	Very Cobbly Sandy Loam	GM	A-1	0-15	15-50	35-50	30-50	15-40	10-25	20-25	NP-5
		Extremely Cobbly Sandy Loam										
		Very Cobbly Loam										
	35-60	Very Cobbly Loamy Sand	GM	A-1	0-15	15-50	35-50	30-50	15-25	10-15	0-14	NP
		Extremely Cobbly Sandy Loam										
	60-64	Very Cobbly Sandy Loam										
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-50	Extremely Gravelly Sandy Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
		Extremely Gravelly Clay Loam										
		Very Gravelly Clay Loam										

PS:

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
PS: Puett	0-18	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Orovada	0-5	Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	90-100	75-95	30-50	---	NP
	5-18	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
	18-61	Stratified Fine Sandy Loam	SM									
		To Silt Loam	ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
RaA: Rad	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	8-20	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-85	30-35	NP-5
	20-30	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	30-60	Very Fine Sandy Loam										
		Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	95-100	80-90	65-75	25-30	NP-5
RaB: Rad	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	8-18	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-85	30-35	NP-5
	18-45	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	45-60	Very Fine Sandy Loam Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	95-100	80-90	65-75	25-30	NP-5
RAC:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
RAC: Rad	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	6-18	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-85	30-35	NP-5
	18-45	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	45-60	Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	95-100	80-90	65-75	25-30	NP-5
RbB: Rad	0-7	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	7-17	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	17-32	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	32-60	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
RC: Rad	0-7	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	7-17	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	17-32	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	32-60	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
Rad	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	6-18	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-85	30-35	NP-5
	18-45	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	45-60	Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	95-100	80-90	65-75	25-30	NP-5
Rd:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
Rd: Rad	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	6-18	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-85	30-35	NP-5
	18-45	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	45-60	Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	95-100	80-90	65-75	25-30	NP-5
Blackhawk	0-6	Gravelly Loam	ML SM	A-4	0	0	75-85	70-75	60-70	45-55	30-35	NP-5
	6-15	Gravelly Loam Gravelly Very Fine Sandy Loam	GM SM	A-4	0	0	65-75	55-70	50-65	35-50	30-35	NP-5
	15-19	Cemented	---	---	---	---	---	---	---	---	---	---
	19-42	Very Gravelly Fine Sandy Loam	GM	A-1	0	0	35-45	25-35	20-25	10-15	0-14	NP
	42-60	Very Gravelly Sandy Loam Extremely Gravelly Sand Extremely Gravelly Coarse Sand	GP GW	A-1	0	0	25-35	15-25	10-15	0-5	0-14	NP
RE: Rad	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	6-18	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-85	30-35	NP-5
	18-45	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	45-60	Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	95-100	80-90	65-75	25-30	NP-5

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
RE: Brock	0-5	Cobbly Loam	GM	A-4	0	15-25	65-85	60-75	45-65	35-50	20-25	NP-5
	5-14	Very Cobbly Loam Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	SM GC GC-GM	A-1 A-2	0	20-45	35-45	30-40	25-35	15-25	25-30	5-10
	14-18	Indurated	---	---	---	---	---	---	---	---	---	---
RF: Ramires	0-6	Gravelly Loam	GC	A-6	0	0-15	60-65	50-60	45-55	35-45	30-35	10-15
	6-24	Gravelly Clay Gravelly Clay Loam Clay	CH CL	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
	24-30	Sandy Clay Loam Sandy Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bobs	0-4	Gravelly Loam	GM	A-4	0	0-15	70-80	65-75	55-70	40-55	20-25	NP-5
	4-12	Gravelly Loam Gravelly Silt Loam Gravelly Very Fine Sandy Loam	ML SM GM SM	A-4	0	0-15	60-80	50-75	45-70	35-50	20-25	NP-5
	12-16	Indurated	---	---	---	---	---	---	---	---	---	---
Chen	0-8	Cobbly Loam	SC SC-SM	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	8-17	Very Cobbly Clay Extremely Gravelly Clay Very Gravelly Clay	SM GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
RF:	In											
RG:												
Ramires	0-9	Very Stony Loam	CL	A-6	10-20	0-30	80-85	70-80	65-75	50-60	30-40	10-20
	9-26	Clay	CH	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
		Gravelly Clay Loam	CL									
		Gravelly Clay										
	26-34	Sandy Clay Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
		Sandy Loam										
	34-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chen	0-8	Cobbly Loam	SC	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
			SC-SM									
			SM									
	8-17	Very Gravelly Clay	GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
		Very Cobbly Clay										
		Extremely Gravelly Clay										
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pie Creek	0-5	Very Cobbly Loam	ML	A-4	0	40-50	85-95	60-90	55-80	50-60	25-30	NP-5
	5-21	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	21-30	Clay	CL	A-7	0	0	95-100	90-100	80-90	70-80	45-50	20-25
		Clay Loam										
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
RH:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
RH: Ramires	0-9	Gravelly Clay Loam	GC	A-6 A-7	0	0-15	60-65	50-60	45-55	40-50	35-45	15-20
	9-26	Gravelly Clay Clay	CH CL	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
	26-34	Gravelly Clay Loam Sandy Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	34-38	Sandy Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Creva	0-5	Gravelly Loam	SM	A-4	0	10-30	75-85	65-75	60-70	40-50	20-30	NP-5
	5-19	Very Gravelly Clay Loam Very Cobbly Clay Loam	GC	A-6	0	5-30	50-65	45-60	40-50	35-45	30-40	15-25
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
RH2: Ramires	0-6	Gravelly Loam	GC	A-6	0	0-15	60-65	50-60	45-55	35-45	30-35	10-15
	6-24	Gravelly Clay Gravelly Clay Loam Clay	CH CL	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
	24-30	Sandy Clay Loam Sandy Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Creva	0-5	Gravelly Loam	SM	A-4	0	10-30	75-85	65-75	60-70	40-50	20-30	NP-5
	5-19	Very Gravelly Clay Loam Very Cobbly Clay Loam	GC	A-6	0	5-30	50-65	45-60	40-50	35-45	30-40	15-25
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
RK:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
RK: Ramires	0-9	Very Stony Loam	CL	A-6	10-20	0-30	80-85	70-80	65-75	50-60	30-40	10-20
	9-26	Gravelly Clay	CH	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
		Gravelly Clay Loam	CL									
	26-34	Sandy Clay Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	34-38	Sandy Loam										
Creva		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-5	Gravelly Loam	SM	A-4	0	10-30	75-85	65-75	60-70	40-50	20-30	NP-5
	5-19	Very Cobbly Clay Loam	GC	A-6	0	5-30	50-65	45-60	40-50	35-45	30-40	15-25
		Very Gravelly Clay Loam										
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
RL: Ramires	0-6	Gravelly Loam	GC	A-6	0	0-15	60-65	50-60	45-55	35-45	30-35	10-15
	6-24	Gravelly Clay	CH	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
		Gravelly Clay Loam	CL									
	24-30	Sandy Clay Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
		Sandy Loam										
Singletree	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-17	Gravelly Loam	GM	A-4	0	0	65-75	60-75	55-70	40-50	25-35	NP-5
	17-32	Loam	CL	A-6	0	0-15	70-85	60-80	50-70	40-60	30-40	10-15
		Gravelly Clay Loam	GC									
		Clay Loam	SC									
RM:	32-49	Gravelly Sandy Loam	SC	A-2	0	0-15	60-85	55-80	30-60	20-30	25-30	5-10
		Sandy Clay Loam	SC-SM									
		Sandy Loam										
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
RM: Ramires	0-6	Gravelly Loam	GC	A-6	0	0-15	60-65	50-60	45-55	35-45	30-35	10-15
	6-24	Clay	CH	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
		Gravelly Clay	CL									
		Gravelly Clay Loam										
	24-30	Sandy Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
		Sandy Clay Loam										
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Taylor Creek	0-15	Loam	CL	A-4	0	0	90-100	85-95	75-85	55-70	25-35	5-15
			CL-ML	A-6								
	15-40	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	55-65	60-70	35-45
	40-60	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	40-55	50-60	25-35
		Gravelly Sandy Clay	GC									
			SC									
Rn: Rixie	0-10	Silty Clay Loam	CL	A-6	0	0	100	100	95-100	90-95	35-45	15-20
				A-7								
	10-60	Stratified Silt Loam To Silty Clay	CL	A-6	0	0	100	100	95-100	75-85	35-45	15-20
				A-7								
Ro: Rixie	0-10	Silty Clay Loam	CL	A-7	0	0	100	100	95-100	90-95	40-50	15-20
			ML									
	10-60	Stratified Silt Loam To Silty Clay	CL	A-6	0	0	100	100	95-100	60-75	35-50	10-25
			ML	A-7								
Rr: Rixie	0-10	Silty Clay	CH	A-7	0	0	100	100	95-100	90-95	50-60	20-30
			MH									
	10-60	Stratified Silt Loam To Silty Clay	CL	A-6	0	0	100	100	95-100	60-75	35-50	10-25
			ML	A-7								

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
Rr:	In											
Rs: Rose Creek	0-10 10-60	Loam Stratified Gravelly Sand To Silt Loam	ML SM	A-4 A-2 A-4	0 0	0 0	95-100 85-100	90-100 70-95	80-90 50-70	60-70 30-50	25-30 20-25	NP-5 NP-5
Alluvial Land	---				---	---	---	---	---	---	---	---
Humboldt	---				---	---	---	---	---	---	---	---
Rt: Rose Creek	0-16 16-60	Loam Stratified Gravelly Sand To Silt Loam	ML SM SM	A-4 A-2 A-4	0 0	0-5 0-5	90-100 85-100	80-95 70-95	65-80 50-70	45-55 30-40	25-30 20-25	NP-5 NP-5
Ru: Rosney	0-10 10-28 28-60	Silt Loam Silt Loam Stratified Silt Loam To Silty Clay	ML CL CL-ML CL	A-4 A-4 A-6 A-7	0 0 0	0 0 0	100 100 100	100 100 100	95-100 95-100 95-100	85-90 80-95 85-95	20-25 20-30 35-45	NP-5 5-10 15-20
SA:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
SA: Short Creek	0-8	Gravelly Clay Loam	GC SC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	8-23	Very Gravelly Clay	GC	A-2 A-7	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
	23-60	Extremely Gravelly Sandy Clay Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC GP-GC GW-GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
Short Creek	0-8	Gravelly Clay Loam	GC SC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	8-23	Very Gravelly Clay	GC	A-2 A-7	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
	23-60	Extremely Gravelly Sandy Clay Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC GP-GC GW-GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
SBB:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
SBB: Simon	In											
	0-12	Loam	CL-ML	A-4	0	0	80-100	75-100	65-80	50-65	20-30	NP-10
	12-28	Loam	ML									
		Gravelly Clay Loam	CL	A-6	0	0-15	85-95	80-90	55-85	45-70	30-45	10-20
		Clay Loam	SC	A-7								
SC: Simon	28-41	Gravelly Clay Loam	CH	A-7	0	10-25	70-90	65-85	55-70	40-55	45-55	20-30
		Cobbly Clay	CL									
		Cobbly Clay Loam	GC									
	41-60	Extremely Gravelly Clay Loam	SC									
		Very Gravelly Clay Loam	GC	A-2	0-5	10-40	25-45	20-40	15-35	10-30	30-45	10-20
		Extremely Gravelly Sandy Clay Loam										
	0-12	Loam	CL-ML	A-4	0	0	80-100	75-100	65-80	50-65	20-30	NP-10
	12-28	Loam	ML									
		Gravelly Clay Loam	CL	A-6	0	0-15	85-95	80-90	55-85	45-70	30-45	10-20
		Clay Loam	SC	A-7								
	28-41	Cobbly Clay Loam	CH	A-7	0	10-25	70-90	65-85	55-70	40-55	45-55	20-30
		Gravelly Clay Loam	CL									
		Cobbly Clay	GC									
	41-60	Very Gravelly Clay Loam	SC									
		Extremely Gravelly Sandy Clay Loam	GC	A-2	0-5	10-40	25-45	20-40	15-35	10-30	30-45	10-20
		Extremely Gravelly Clay Loam										
		Extremely Gravelly Clay Loam										
		Extremely Gravelly Clay Loam										

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
SC: Bosco	In											
	0-15	Very Gravelly Loam	GM	A-1	0	0	30-45	25-35	20-30	15-25	0-14	NP
	15-46	Stratified Very Gravelly Loam To Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0	20-45	15-35	10-30	5-20	0-14	NP
	46-70	Extremely Gravelly Sand	GP	A-1	0	0	15-25	10-20	5-15	0-5	0-14	NP
SD: Slaven	0-5	Very Gravelly Loam	GM	A-2	0	0	45-55	35-45	30-40	25-30	25-30	NP-5
	5-22	Extremely Gravelly Clay Loam	GC	A-2	0	0-15	25-35	15-25	15-20	10-20	40-50	25-35
		Extremely Gravelly Clay Extremely Gravelly Sandy Clay										
	22-26	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Slaven	0-8	Very Gravelly Loam	GM	A-2	0	0	45-55	35-45	30-40	25-30	25-30	NP-5
	8-30	Extremely Gravelly Clay Extremely Gravelly Sandy Clay	GC	A-2	0	0-15	25-35	15-25	15-20	10-20	40-50	25-35
		Extremely Gravelly Clay Loam										
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Mascamp	0-13	Very Gravelly Loam	GM	A-2	0	0-5	40-50	35-45	30-40	25-35	25-30	NP-5
	13-19	Very Gravelly Sandy Clay Loam	GC GP-GC	A-2	0	0-5	40-50	25-45	15-40	10-35	30-40	15-25
		Very Gravelly Clay Loam Very Gravelly Loam										
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
SE:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
SE: Slaven	In											
	0-5	Very Gravelly Loam	GM	A-2	0	0	45-55	35-45	30-40	25-30	25-30	NP-5
	5-22	Extremely Gravelly Clay	GC	A-2	0	0-15	25-35	15-25	15-20	10-20	40-50	25-35
		Extremely Gravelly Sandy Clay										
		Extremely Gravelly Clay Loam										
	22-26	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Primeaux	0-11	Gravelly Loam	GM	A-4	0	0	65-80	55-75	50-65	35-50	20-25	NP-5
	11-20	Loam	SM									
		Sandy Clay Loam	CL	A-6	0	0	80-90	75-85	65-75	45-65	35-40	20-25
		Clay Loam	SC									
	20-35	Very Gravelly Sandy Clay Loam	GC	A-2	0	0	40-55	30-50	25-40	20-30	30-35	15-20
	35-39	Very Gravelly Loam										
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
SF: Ramires	0-9	Gravelly Clay Loam	GC	A-6	0	0-15	60-65	50-60	45-55	40-50	35-45	15-20
				A-7								
	9-26	Gravelly Clay	CH	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
		Gravelly Clay Loam	CL									
	26-34	Sandy Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
		Sandy Clay Loam										
	34-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
SF: Slaven	0-5	Very Gravelly Loam	GM	A-2	0	0	45-55	35-45	30-40	25-30	25-30	NP-5
	5-22	Extremely Gravelly Clay	GC	A-2	0	0-15	25-35	15-25	15-20	10-20	40-50	25-35
		Extremely Gravelly Sandy Clay										
		Extremely Gravelly Clay Loam										
	22-26	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
SG: Slaven	0-5	Very Gravelly Loam	GM	A-2	0	0	45-55	35-45	30-40	25-30	25-30	NP-5
	5-22	Extremely Gravelly Clay Loam	GC	A-2	0	0-15	25-35	15-25	15-20	10-20	40-50	25-35
		Extremely Gravelly Sandy Clay										
		Extremely Gravelly Clay										
	22-26	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Toeja	0-13	Loam	CL	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
			CL-ML									
	13-31	Loam Clay Loam	CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
		Sandy Clay Loam										
	31-48	Gravelly Sandy Loam	GC-GM	A-2	0	0	60-90	55-85	40-60	25-50	25-30	5-10
		Gravelly Loam	SC	A-4								
		Loam	SC-SM									
	48-52	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
SH:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
SH: Slaven	In											
	0-8	Very Gravelly Loam	GM	A-2	0	0	45-55	35-45	30-40	25-30	25-30	NP-5
	8-30	Extremely Gravelly Sandy Clay	GC	A-2	0	0-15	25-35	15-25	15-20	10-20	40-50	25-35
		Extremely Gravelly Clay Extremely Gravelly Clay Loam										
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Torro	0-13	Very Gravelly Loam	GM	A-1	0	0	45-55	35-50	30-40	20-35	20-25	NP-5
	13-25	Extremely Gravelly Loam Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC GC-GM GP-GC GW-GC	A-2	0	0	20-35	15-25	10-20	5-15	25-35	5-15
	25-50	Extremely Gravelly Sandy Loam Extremely Gravelly Loamy Coarse Sand	GP-GM	A-1	0	5-15	30-40	20-30	10-20	5-10	0-14	NP
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-50	Extremely Gravelly Sandy Clay Loam Very Gravelly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
SR: Donna	0-8	Gravelly Loam	CL	A-6	0	0	65-75	60-75	55-70	50-60	30-40	10-20
	8-22	Clay	CH	A-7	0	0	80-90	75-85	75-80	70-80	60-70	30-40
	22-38	Indurated	---	---	---	---	---	---	---	---	---	---
	38-68	Stratified Extremely Gravelly Sandy Loam To Gravelly Sandy Clay Loam	GC	A-2	0-5	10-35	40-55	30-40	20-30	10-20	30-40	10-20

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
SR:	In											
Stampede	0-12	Gravelly Loam	CL	A-4	0	0	70-80	65-75	60-70	50-65	30-40	5-15
			ML	A-6								
	12-28	Clay	CH	A-7	0	0-10	90-100	85-95	80-90	70-85	50-60	30-40
	28-33	Indurated	---	---	---	---	---	---	---	---	---	---
	33-60	Extremely Gravelly Loamy Sand	GP	A-1	0	0-15	15-30	10-25	5-20	0-10	0-14	NP
			GP-GM									
SS:												
Stampede	0-12	Gravelly Loam	CL	A-4	0	0	70-80	65-75	60-70	50-65	30-40	5-15
			ML	A-6								
	12-28	Clay	CH	A-7	0	0-10	90-100	85-95	80-90	70-85	50-60	30-40
	28-33	Indurated	---	---	---	---	---	---	---	---	---	---
	33-60	Extremely Gravelly Loamy Sand	GP	A-1	0	0-15	15-30	10-25	5-20	0-10	0-14	NP
			GP-GM									
Donna	0-8	Gravelly Loam	CL	A-6	0	0	65-75	60-75	55-70	50-60	30-40	10-20
	8-22	Clay	CH	A-7	0	0	80-90	75-85	75-80	70-80	60-70	30-40
	22-38	Indurated	---	---	---	---	---	---	---	---	---	---
	38-68	Stratified Extremely Gravelly Sandy Loam To Gravelly Sandy Clay Loam	GC	A-2	0-5	10-35	40-55	30-40	20-30	10-20	30-40	10-20
Short Creek	0-8	Gravelly Clay Loam	GC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
			SC									
	8-23	Very Gravelly Clay	GC	A-2	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
			A-7									
	23-60	Extremely Gravelly Sandy Clay	GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
			GP-GC									
		Extremely Gravelly Clay Loam	GW-GC									
		Extremely Gravelly Sandy Clay Loam										

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
SS:	In											
Welch	---				---	---	---	---	---	---	---	---
ST:												
Stampede	0-12	Gravelly Loam	CL	A-4	0	0	70-80	65-75	60-70	50-65	30-40	5-15
	12-28	Clay	ML	A-6								
	28-33	Indurated	CH	A-7	0	0-10	90-100	85-95	80-90	70-85	50-60	30-40
	33-60	Extremely Gravelly Loamy Sand	---	---	---	---	---	---	---	---	---	---
			GP	A-1	0	0-15	15-30	10-25	5-20	0-10	0-14	NP
			GP-GM									
Short Creek	0-8	Gravelly Clay Loam	GC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	8-23	Very Gravelly Clay	SC									
			GC	A-2	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
	23-60	Extremely Gravelly Sandy Clay		A-7								
			GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
		Extremely Gravelly Sandy Clay Loam	GP-GC									
		Extremely Gravelly Sandy Clay Loam	GW-GC									
		Extremely Gravelly Clay Loam										
		Extremely Gravelly Clay Loam										
Welch	---				---	---	---	---	---	---	---	---
SU:												
Pattani	0-10	Clay	CH	A-7	0	0	95-100	90-100	80-90	70-80	50-60	30-40
	10-20	Clay Loam	CH	A-7	0	0	85-95	80-90	75-85	65-80	40-55	25-35
		Silty Clay Loam	CL									
		Clay										
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
SU: Susie Creek	0-12	Loam	CL CL-ML ML	A-4	0	0	90-100	85-95	75-85	60-70	25-35	5-10
	12-25	Clay Loam Sandy Clay Clay	CH CL	A-7	0	0	90-100	75-95	70-90	50-75	45-55	25-35
	25-57	Coarse Sandy Loam Sandy Loam Loam	ML SM	A-4	0	0	85-100	75-95	60-80	45-65	20-25	NP-5
	57-61	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
SV: Susie Creek	0-12	Loam	CL CL-ML ML	A-4	0	0	90-100	85-95	75-85	60-70	25-35	5-10
	12-25	Clay Sandy Clay Clay Loam	CH CL	A-7	0	0	90-100	75-95	70-90	50-75	45-55	25-35
	25-57	Loam Sandy Loam Coarse Sandy Loam	ML SM	A-4	0	0	85-100	75-95	60-80	45-65	20-25	NP-5
	57-61	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pattani	0-10	Clay	CH	A-7	0	0	95-100	90-100	80-90	70-80	50-60	30-40
	10-20	Clay Silty Clay Loam Clay Loam	CH CL	A-7	0	0	85-95	80-90	75-85	65-80	40-55	25-35
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
SV: Pie Creek	0-5	Loam	ML	A-4	0	0-10	95-100	90-100	80-90	60-70	25-30	NP-5
	5-21	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	21-35	Clay	CL	A-7	0	0	95-100	90-100	80-90	70-80	45-50	20-25
	35-39	Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
SW: Susie Creek	0-12	Loam	CL CL-ML	A-4	0	0	90-100	85-95	75-85	60-70	25-35	5-10
	12-25	Clay Sandy Clay Clay Loam	ML CH CL	A-7	0	0	90-100	75-95	70-90	50-75	45-55	25-35
	25-57	Coarse Sandy Loam Sandy Loam Loam	ML SM	A-4	0	0	85-100	75-95	60-80	45-65	20-25	NP-5
	57-61	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Short Creek	0-8	Gravelly Clay Loam	GC SC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	8-23	Very Gravelly Clay	GC	A-2 A-7	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
	23-60	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay	GC GP-GC GW-GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
SW: Toeja	In											
	0-13	Loam	CL CL-ML	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
	13-31	Sandy Clay Loam Loam Clay Loam	CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
	31-48	Gravelly Sandy Loam Loam Gravelly Loam	GC-GM SC SC-SM	A-2 A-4	0	0	60-90	55-85	40-60	25-50	25-30	5-10
	48-52	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
TA: Taylor Creek	0-15	Loam	CL CL-ML	A-4 A-6	0	0	90-100	85-95	75-85	55-70	25-35	5-15
	15-40	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	55-65	60-70	35-45
	40-60	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	40-55	50-60	25-35
		Gravelly Sandy Clay	GC SC									
Chen	0-8	Cobbly Loam	SC SC-SM SM	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	8-17	Very Gravelly Clay Very Cobbly Clay	GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
		Extremely Gravelly Clay										
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TA: Ramires	In											
	0-6	Gravelly Loam	GC	A-6	0	0-15	60-65	50-60	45-55	35-45	30-35	10-15
	6-24	Gravelly Clay Loam	CH	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
		Gravelly Clay	CL									
		Clay										
	24-30	Sandy Clay Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
		Sandy Loam										
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
TC: Taylor Creek												
	0-15	Loam	CL	A-4	0	0	90-100	85-95	75-85	55-70	25-35	5-15
			CL-ML	A-6								
	15-40	Gravelly Clay	CH	A-7	0	0-10	70-80	65-75	60-70	55-65	60-70	35-45
	40-60	Gravelly Sandy Clay	CH	A-7	0	0-10	70-80	65-75	60-70	40-55	50-60	25-35
		Gravelly Clay	GC									
			SC									
Singletree												
	0-17	Loam	ML	A-4	0	0	85-90	80-90	70-85	50-65	25-35	NP-5
	17-32	Loam	CL	A-6	0	0-15	70-85	60-80	50-70	40-60	30-40	10-15
		Gravelly Clay Loam	GC									
		Clay Loam	SC									
	32-49	Sandy Loam	SC	A-2	0	0-15	60-85	55-80	30-60	20-30	25-30	5-10
		Sandy Clay Loam	SC-SM									
		Gravelly Sandy Loam										
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TC: Torro	In											
	0-13	Very Gravelly Loam	GM	A-1 A-2	0	0	45-55	35-50	30-40	20-35	20-25	NP-5
	13-25	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Extremely Gravelly Loam	GC GC-GM GP-GC GW-GC	A-2	0	0	20-35	15-25	10-20	5-15	25-35	5-15
	25-50	Extremely Gravelly Loamy Coarse Sand Extremely Gravelly Sandy Loam	GP-GM	A-1	0	5-15	30-40	20-30	10-20	5-10	0-14	NP
Inclusion	---				---	---	---	---	---	---	---	---
TDA: Tenabo	0-7	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	75-85	25-35	NP-10
	7-18	Gravelly Clay Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	70-95	60-90	50-85	30-40	15-25
	18-26	Indurated	---	---	---	---	---	---	---	---	---	---
	26-40	Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	GM GP-GM	A-1	0	5-25	40-60	35-55	25-35	5-20	0-14	NP
TEC: Tenabo	0-7	Cobbly Silt Loam	ML	A-4	0	25-40	85-95	75-90	70-85	55-70	0-14	NP
	7-18	Gravelly Clay Loam Silty Clay Loam Clay Loam	CL	A-6	0	0	95-100	70-95	60-90	50-85	30-40	15-25
	18-26	Indurated	---	---	---	---	---	---	---	---	---	---
	26-40	Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	GM GP-GM	A-1	0	5-25	40-60	35-55	25-35	5-20	0-14	NP

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TF: Tenabo	0-7	Extremely Stony Loam	ML	A-4	15-25	0-35	85-95	75-90	70-85	50-70	15-25	NP-5
	7-18	Sandy Clay Loam Clay Loam	CL	A-6	0	0	90-100	85-95	70-85	50-65	30-40	15-25
	18-26 26-40	Indurated Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	--- GM GP-GM GW-GM	--- A-1	--- 0	--- 10-25	--- 40-60	--- 35-55	--- 25-40	--- 5-20	--- 0-14	--- NP
Tenabo	0-7	Cobbly Silt Loam	ML	A-4	0	25-40	85-95	75-90	70-85	55-70	0-14	NP
	7-18	Silty Clay Loam Gravelly Clay Loam Clay Loam	CL	A-6	0	0	95-100	70-95	60-90	50-85	30-40	15-25
	18-26 26-40	Indurated Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	--- GM GP-GM	--- A-1	--- 0	--- 5-25	--- 40-60	--- 35-55	--- 25-35	--- 5-20	--- 0-14	--- NP
TG: Tenabo	0-7	Cobbly Silt Loam	ML	A-4	0	25-40	85-95	75-90	70-85	55-70	0-14	NP
	7-18	Silty Clay Loam Gravelly Clay Loam Clay Loam	CL	A-6	0	0	95-100	70-95	60-90	50-85	30-40	15-25
	18-26 26-40	Indurated Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	--- GM GP-GM	--- A-1	--- 0	--- 5-25	--- 40-60	--- 35-55	--- 25-35	--- 5-20	--- 0-14	--- NP
Brock	0-5	Cobbly Loam	GM SM	A-4	0	15-25	65-85	60-75	45-65	35-50	20-25	NP-5
	5-14	Very Gravelly Clay Loam Very Cobbly Loam Very Gravelly Sandy Clay Loam	GC GC-GM	A-1 A-2	0	20-45	35-45	30-40	25-35	15-25	25-30	5-10
	14-18	Indurated	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
TG:	In											
Whirlo	0-12	Gravelly Silt Loam	GM ML	A-4	0	0	60-75	55-75	50-70	40-60	---	NP
	12-24	Very Gravelly Fine Sandy Loam	GM	A-1 A-2	0	0-10	45-55	35-50	30-40	15-35	---	NP
	24-60	Very Gravelly Loam Stratified Very Gravelly Loam To Extremely Gravelly Coarse Sandy	GP-GM GW-GM	A-1	0	0-15	40-50	20-35	10-25	5-10	---	NP
TH:												
Tenabo	0-7	Extremely Stony Loam	ML	A-4	15-25	0-35	85-95	75-90	70-85	50-70	15-25	NP-5
	7-18	Clay Loam	CL	A-6	0	0	90-100	85-95	70-85	50-65	30-40	15-25
	18-26	Sandy Clay Loam	---	---	---	---	---	---	---	---	---	---
	26-40	Indurated Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	GM GP-GM GW-GM	A-1	0	10-25	40-60	35-55	25-40	5-20	0-14	NP
Rubble Land	---				---	---	---	---	---	---	---	---
TL:												
Toeja	0-13	Loam	CL CL-ML	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
	13-31	Loam Clay Loam	CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
	31-48	Sandy Clay Loam Loam	GC-GM SC	A-2 A-4	0	0	60-90	55-85	40-60	25-50	25-30	5-10
	48-52	Gravelly Loam Gravelly Sandy Loam Weathered Bedrock	SC-SM ---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TL: Toeja	In											
	0-13	Loam	CL	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
	13-31	Loam Clay Loam Sandy Clay Loam	CL-ML CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
	31-48	Gravelly Loam Gravelly Sandy Loam Loam	GC-GM SC SC-SM	A-2 A-4	0	0	60-90	55-85	40-60	25-50	25-30	5-10
	48-52	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Puett	0-18	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
TM: Toeja	0-13	Loam	CL	A-4	0	0	85-95	80-95	75-90	60-70	25-30	5-10
	13-31	Sandy Clay Loam Clay Loam Loam	CL-ML CL	A-6	0	0	90-100	85-100	75-90	50-70	30-40	10-15
	31-48	Gravelly Loam Gravelly Sandy Loam Loam	GC-GM SC SC-SM	A-2 A-4	0	0	60-90	55-85	40-60	25-50	25-30	5-10
	48-52	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ucopia	0-5	Loamy Fine Sand	SM	A-2 A-4	0	0	95-100	90-100	70-80	30-40	0-14	NP
	5-50	Fine Sandy Loam Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0	85-100	80-95	45-60	25-40	0-14	NP
	50-54	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
TM: Ucopia	In											
	0-5	Gravelly Sandy Loam	SM	A-1	0	0	70-80	60-75	35-50	20-30	0-14	NP
	5-50	Coarse Sandy Loam Fine Sandy Loam Sandy Loam	SM	A-2 A-2 A-4	0	0	85-100	80-95	45-60	25-40	0-14	NP
	50-54	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
TN: Cherry Spring												
	0-15	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	20-25	NP-5
	15-36	Loam Silt Loam Clay Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
	36-54	Cemented	---	---	---	---	---	---	---	---	---	---
	54-60	Stratified Sandy Loam To Extremely Gravelly Sandy Loam	GM	A-1	0	0-5	40-55	35-50	30-40	15-25	---	NP
Tomera												
	0-9	Silt Loam	ML	A-4	0	0	90-100	80-95	75-90	70-80	30-40	NP-5
	9-39	Clay Gravelly Sandy Clay Gravelly Clay	CH SC	A-7	0	0	70-85	55-80	45-75	35-60	50-65	25-35
	39-60	Extremely Gravelly Sandy Loam Very Gravelly Loamy Sand Very Cobbly Loam	GM	A-1	0	1-40	40-50	30-45	20-40	10-25	0-14	NP
TO:												

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TO: Jack Creek	0-15	Extremely Gravelly Loamy Coarse Sand	GP	A-1	0	0	20-40	15-25	5-15	0-5	0-14	NP
	15-60	Extremely Gravelly Loamy Coarse Sand Extremely Gravelly Loamy Fine Sand	GP	A-1	0	0	20-40	15-25	5-15	0-5	0-14	NP
Torro	0-13	Very Gravelly Loam	GM	A-1 A-2	0	0	45-55	35-50	30-40	20-35	20-25	NP-5
	13-25	Extremely Gravelly Loam Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam	GC GC-GM GP-GC GW-GC	A-2	0	0	20-35	15-25	10-20	5-15	25-35	5-15
	25-50	Extremely Gravelly Sandy Loam Extremely Gravelly Loamy Coarse Sand	GP-GM	A-1	0	5-15	30-40	20-30	10-20	5-10	0-14	NP
Inclusion	---				---	---	---	---	---	---	---	---
TR: Torro	0-13	Very Gravelly Loam	GM	A-1 A-2	0	0	45-55	35-50	30-40	20-35	20-25	NP-5
	13-25	Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam Extremely Gravelly Loam	GC GC-GM GP-GC GW-GC	A-2	0	0	20-35	15-25	10-20	5-15	25-35	5-15
	25-50	Extremely Gravelly Sandy Loam Extremely Gravelly Loamy Coarse Sand	GP-GM	A-1	0	5-15	30-40	20-30	10-20	5-10	0-14	NP

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TR: Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-50	Extremely Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
		Very Gravelly Clay Loam										
		Extremely Gravelly Sandy Clay Loam										
TS: Torro	0-13	Very Gravelly Loam	GM	A-1	0	0	45-55	35-50	30-40	20-35	20-25	NP-5
	13-25	Extremely Gravelly Loam	GC	A-2	0	0	20-35	15-25	10-20	5-15	25-35	5-15
		Extremely Gravelly Clay Loam	GC-GM									
		Extremely Gravelly Sandy Clay Loam	GP-GC									
	25-50	Extremely Gravelly Loamy Coarse Sand	GP-GM	A-1	0	5-15	30-40	20-30	10-20	5-10	0-14	NP
		Extremely Gravelly Sandy Loam										
Badland	0-2	Variable	CH CL GC MH	A-6 A-7	0-5	0-10	65-100	50-100	40-100	35-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-50	Very Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
		Extremely Gravelly Sandy Clay Loam										
		Extremely Gravelly Clay Loam										

TT:

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TT: Torro	0-13	Very Gravelly Loam	GM	A-1	0	0	45-55	35-50	30-40	20-35	20-25	NP-5
	13-25	Extremely Gravelly Loam Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC GC-GM GP-GC GW-GC	A-2	0	0	20-35	15-25	10-20	5-15	25-35	5-15
	25-50	Extremely Gravelly Sandy Loam Extremely Gravelly Loamy Coarse Sand	GP-GM	A-1	0	5-15	30-40	20-30	10-20	5-10	0-14	NP
Packer	0-6	Very Cobbly Loam	GM	A-2	0-5	20-40	55-65	45-55	40-50	30-40	25-30	NP-5
	6-13	Extremely Cobbly Clay Extremely Cobbly Sandy Clay Loam Extremely Cobbly Loam	GC GP-GC	A-4 A-2	5-20	10-50	20-40	15-35	10-30	5-25	30-40	15-25
	13-50	Very Cobbly Sandy Loam Very Cobbly Loam Extremely Cobbly Sandy Loam	GM	A-1	0-15	15-50	35-50	30-50	15-40	10-25	20-25	NP-5
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-50	Very Gravelly Clay Loam Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20

TU:

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TU: Triplen	0-8	Silt Loam	ML	A-4	0	0	90-100	80-95	75-85	60-75	0-14	NP
	8-60	Stratified Very Gravelly Fine Sandy Loam To Loamy Fine Sand	SM	A-1 A-2	0	0	70-80	55-75	35-50	20-35	0-14	NP
Tenabo	0-2	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	75-85	25-35	NP-10
	2-12	Gravelly Clay Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	70-95	60-90	50-85	30-40	15-25
	12-17 17-40	Indurated Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	--- GM GP-GM	--- A-1	--- 0	--- 5-25	--- 40-60	--- 35-55	--- 25-35	--- 5-20	--- 0-14	--- NP
TV: Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-50	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Very Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
Hapgood	0-13	Silt Loam	ML	A-4	0	0	85-95	80-90	75-85	60-70	30-35	NP-5
	13-50	Very Cobbly Loam Very Gravelly Sandy Loam	GC GC-GM	A-2	0	15-40	55-65	50-60	35-45	20-35	25-35	5-15
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
TV: Packer	In											
	0-13	Very Cobbly Loam	GM	A-2 A-4	0-5	20-40	55-65	45-55	40-50	30-40	25-30	NP-5
	13-27	Extremely Cobbly Clay Extremely Cobbly Sandy Clay Loam	GC GP-GC	A-2	5-20	10-50	20-40	15-35	10-30	5-25	30-40	15-25
	27-50	Extremely Cobbly Loam Very Cobbly Sandy Loam Extremely Cobbly Sandy Loam	GM	A-1	0-15	15-50	35-50	30-50	15-40	10-25	20-25	NP-5
	50-54	Very Cobbly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
UHE: Ucopia	0-5	Loamy Fine Sand	SM	A-2 A-4	0	0	95-100	90-100	70-80	30-40	0-14	NP
	5-50	Fine Sandy Loam Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0	85-100	80-95	45-60	25-40	0-14	NP
	50-54	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Humdun	0-8	Silt Loam	ML	A-4	0	0	100	100	90-100	70-90	30-40	NP-10
	8-30	Silt Loam Very Fine Sandy Loam Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10
	30-60	Very Fine Sandy Loam Loam Silt Loam	ML	A-4	0	0	100	100	85-95	60-80	30-40	NP-10

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
UHE: Ucopia	0-5	Gravelly Sandy Loam	SM	A-1	0	0	70-80	60-75	35-50	20-30	0-14	NP
	5-50	Fine Sandy Loam Coarse Sandy Loam Sandy Loam	SM	A-2 A-2 A-4	0	0	85-100	80-95	45-60	25-40	0-14	NP
	50-54	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Inclusion	---				---	---	---	---	---	---	---	---
UHF: Ucopia	0-5	Loamy Fine Sand	SM	A-2 A-4	0	0	95-100	90-100	70-80	30-40	0-14	NP
	5-50	Fine Sandy Loam Sandy Loam Coarse Sandy Loam	SM	A-2 A-2 A-4	0	0	85-100	80-95	45-60	25-40	0-14	NP
	50-54	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ucopia	0-5	Gravelly Sandy Loam	SM	A-1 A-2	0	0	70-80	60-75	35-50	20-30	0-14	NP
	5-50	Fine Sandy Loam Sandy Loam Coarse Sandy Loam	SM	A-2 A-2 A-4	0	0	85-100	80-95	45-60	25-40	0-14	NP
	50-54	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
UKF: Urtah	0-4	Gravelly Loam	GM	A-4	0	5-15	55-65	50-60	45-55	35-45	25-30	NP-5
	4-16	Very Gravelly Sandy Loam Gravelly Sandy Loam	GM SM	A-1	0	10-25	55-65	50-60	30-40	15-20	20-25	NP-5
	16-36	Extremely Gravelly Sandy Clay Loam Very Gravelly Sandy Clay Loam	GC GC-GM	A-2	0	10-25	35-50	25-40	25-35	10-20	25-30	5-10
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
UKF:	In											
W: Water	---				---	---	---	---	---	---	---	---
Wc: Welch	0-5	Loam	CL	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	5-60	Stratified Sandy Loam To Silty Clay Loam	CL-ML CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
Wd: Welch	0-7	Loam	ML	A-4	0	0	85-95	75-90	70-80	50-60	25-30	NP-5
	7-60	Stratified Very Fine Sandy Loam To Gravelly Clay	CL	A-6	0	0	85-95	75-90	70-80	50-60	30-40	10-20
Welch	---				---	---	---	---	---	---	---	---
Four Star	---				---	---	---	---	---	---	---	---
WE: Welch	0-7	Loam	ML	A-4	0	0	85-95	75-90	70-80	50-60	25-30	NP-5
	7-60	Stratified Very Fine Sandy Loam To Gravelly Clay	CL	A-6	0	0	85-95	75-90	70-80	50-60	30-40	10-20
Bosco	0-15	Very Gravelly Loam	GM	A-1	0	0	30-45	25-35	20-30	15-25	0-14	NP
	15-46	Stratified Very Gravelly Loam To Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0	20-45	15-35	10-30	5-20	0-14	NP
	46-70	Extremely Gravelly Sand	GP	A-1	0	0	15-25	10-20	5-15	0-5	0-14	NP
Fourstar	---				---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
WE:	In											
WGB: Whirlo	0-12	Gravelly Silt Loam	GM ML	A-4	0	0	60-75	55-75	50-70	40-60	---	NP
	12-24	Very Gravelly Fine Sandy Loam	GM	A-1 A-2	0	0-10	45-55	35-50	30-40	15-35	---	NP
	24-60	Very Gravelly Loam Stratified Very Gravelly Loam To Extremely Gravelly Coarse Sandy	GP-GM GW-GM	A-1	0	0-15	40-50	20-35	10-25	5-10	---	NP
WH: Whirlo	0-7	Very Stony Fine Sandy	GM SM	A-4	5-25	10-25	60-85	55-85	40-60	35-50	15-25	NP-5
	7-13	Gravelly Sandy Loam Fine Sandy Loam Gravelly Loam	GM SM	A-2 A-4	0	0-10	60-90	55-85	40-60	30-50	15-25	NP-5
	13-60	Stratified Very Gravelly Loam To Extremely Gravelly Coarse Sandy	GM	A-1 A-2	0	5-30	45-60	25-50	20-40	10-30	15-25	NP-5
Tenabo	0-7	Cobbly Silt Loam	ML	A-4	0	25-40	85-95	75-90	70-85	55-70	0-14	NP
	7-18	Silty Clay Loam Clay Loam Gravelly Clay Loam	CL	A-6	0	0	95-100	70-95	60-90	50-85	30-40	15-25
	18-26	Indurated	---	---	---	---	---	---	---	---	---	---
	26-40	Stratified Very Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	GM GP-GM	A-1	0	5-25	40-60	35-55	25-35	5-20	0-14	NP
WIA: Wholan	0-6	Silt Loam	ML	A-4	0	0	100	100	95-100	80-90	20-30	NP-5
	6-60	Silt Loam Very Fine Sandy Loam	ML	A-4	0	0	100	100	95-100	75-90	20-30	NP-5

Table H. - Engineering Index Properties - Continued

Tuscarora Mountain Area, Nevada, Parts Of Elko, Eureka And Lander Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
WIA:	In											
WIB:												
Wholan	0-6	Silt Loam	ML	A-4	0	0	100	100	95-100	80-90	20-30	NP-5
	6-60	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	75-90	20-30	NP-5
WmA:												
Wholan	0-6	Silt Loam	ML	A-4	0	0	100	100	95-100	80-90	20-30	NP-5
	6-45	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	75-90	20-30	NP-5
	45-60	Stratified Very Gravelly Loam To Very Gravelly	GM GP-GM	A-1	0	0-10	35-45	30-40	15-25	5-20	15-25	NP-5
WnA:												
Wholan	0-6	Silt Loam	ML	A-4	0	0	100	100	95-100	80-90	20-30	NP-5
	6-60	Silt Loam Very Fine Sandy Loam	ML	A-4	0	0	100	100	95-100	75-90	20-30	NP-5